

Ohio University









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THE  
JOHN C. CRERAR  
OHIO UNIVERSITY  
BULLETIN



CATALOGUE NUMBER  
1907-1908

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ATHENS, OHIO, APRIL, 1907.  
Published by the University and bound Quarterly.

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CATALOGUE

OF

OHIO UNIVERSITY  
ATHENS, OHIO

1906-1907

AND

CIRCULAR OF INFORMATION

FOR

1907-1908

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PUBLISHED BY THE UNIVERSITY

1907

THE  
RAINFOREST  
WALL

"Religion, morality, and knowledge, being necessary to good government and the happiness of mankind, schools and the means of education shall forever be encouraged."

Article 3 Ordinance of 1787.

"Under this statute (Ordinance of 1787) the Ohio Company, organized in Boston the year before as the final outcome of Rufus Putnam's proposed colony of officers, bought from the government five or six millions of acres, and entered on the first great movement of emigration west of the Ohio. The report creating the colony provided for public schools, for religious institutions, and for a university.

THOMAS W. HIGGINSON.

"We are accustomed to praise the lawgivers of antiquity; we help to perpetuate the fame of Solon and Lycurgus; but I doubt whether one single law or any lawgiver, ancient or modern, has produced effects of more distinct, marked, and lasting character than the Ordinance of 1787. \* \* \* It was a movement of great wisdom and foresight, and one which has been attended with highly beneficial results and permanent consequences. \* \* \* It set forth and declared it to be a high and binding duty of government itself to support schools and advance the means of education."

DANIEL WEBSTER.

"That there shall be an University instituted and established in the town of Athens \* \* \* for the instruction of youth in all the various branches of the liberal arts and sciences, for the promotion of good education, virtue, religion, and morality, and for conferring all the degrees and literary honors granted in similar institutions."

Section 1, Territorial Act, January 9, 1802.

"Whereas, Institutions for the liberal education of youth, are essential to the progress of arts and sciences, important to morality, virtue, and religion, friendly to the peace, order, and prosperity of society, and honorable to the government that encourages and patronizes them, etc."

Preamble, Act of Ohio Legislature Establishing the Ohio University at Athens, February 18, 1804.

OHIO UNIVERSITY  
AND  
THE STATE NORMAL COLLEGE

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## OHIO UNIVERSITY

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*Critic Teacher, Third-Year Grade.*

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*Critic Teacher, Fourth-Year Grade.*

#### FACULTY COMMITTEES

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*Dunkle, Williams, Copeland, Treudley, and Atkinson.*

##### RULES AND REGULATIONS.

*Evans, Super, Bentley, Tausch, and Mills.*

##### COURSES OF STUDY.

*Super, Williams, Mercer, Bachman, and Copeland.*

##### SUMMER SCHOOL.

*Williams, Copeland, Mills, Bachman, and Dunkle.*

##### LIBRARY.

*Chubb, Treudley, Elson, Chrisman, and Bentley.*

##### STUDENT WELFARE.

*Treudley, Stahl, Atkinson, Elson, and Addicott.*

## STUDENT ORGANIZATIONS.

*Hoover, Super, Evans, Chrisman, and Wilson.*

## PUBLIC EXERCISES.

*Bachman, McVey, Waite, Chubb, and M. E. Jones.*

## ATHLETICS — GYMNASIUM.

*Wilson, Mercer, J. C. Jones, Dean, and Moore.*

## SPECIAL CASES OF DISCIPLINE.

*Bentley, Atkinson, Copeland, Treudley, and Tausch.*

## MODEL SCHOOL.

*Williams, Waite, Bachman, Chrisman, and Gaskill.*

## WOMEN'S HALL.

*Atkinson, Williams, Copeland, Brown, and Dean.*

# GENERAL INFORMATION

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## OHIO UNIVERSITY

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### ORIGIN OF THE UNIVERSITY

The existence of the Ohio University was provided for as early as 1787, in the purchase of lands made from the Government of the United States by the Ohio Company of Associates. By the contract between these two parties, two townships of land were set apart for the purpose of a University, and placed under the care of the Legislature of the State. The University was organized under an act of the Legislature passed February 18, 1804. Its Trustees are appointed by State authority and the Governor of the State is, *ex-officio*, a member of the Board. Recent legislation (April 16, 1906) confirms the position of the University as one of the educational wards of the State of Ohio. State support gives the institution an annual revenue of about \$86,000. Other sources of income swell the amount above named to over \$105,000. Special appropriations for buildings (1906-1907) amount to \$129,250.

### LOCATION

Athens, the seat of the University, is situated in the southeastern part of the State. It is easily accessible from the east and west by the Baltimore & Ohio Southwestern railroad and its branches; from the southern, central, and northern portions of the State by the Hocking Valley and the Toledo and Ohio Central railways. By these routes it is about one hundred and sixty miles from Cincinnati and seventy-five miles southeast from Columbus. The sanitary arrangements of the town are unsurpassed. Its principal streets are paved; it is provided with waterworks and sewer-

age; its Board of Health is vigorous and efficient. There are few towns in the country that are more desirable as a place of temporary or permanent residence than Athens.

The lover of natural scenery cannot fail to be charmed with its picturesque surroundings. The winding valley of the Hockhocking and the wooded hills beyond present a series of striking views from the University, while the wide prospects, as seen at certain seasons from some of the neighboring summits, are seldom surpassed in quiet and varied beauty.

The University buildings are located in a beautiful campus. They occupy a slight elevation extending east and west across the grounds, fronting the north. Before them lies a park of about five acres containing a grove of fine forest trees and skirted along its northern limit by a row of magnificent elms. Beyond these sentinel trees extends a greensward sloping beautifully to the street. In front of the line at the northwest angle, stands an elegant soldiers' monument. When this park is lighted up at night by electricity it presents a charming view. The remainder of the campus, which is in the rear of the buildings, is devoted to recreation.

### UNIVERSITY BUILDINGS

The buildings, eight in number, are of brick and brick and stone.

**The Central Building** was erected in 1817, and is the oldest college edifice northwest of the Ohio river. This venerable structure is dear to many by strong and tender associations, and to many more by means of eminent men who have here studied and taught. It has been modernized and is admirably adapted to its uses for college work.

**The two wing buildings**, once used for dormitories, have been transformed into recitation rooms and laboratories. The sum of \$15,000 is now available for the improvement of these buildings.

**The Chapel Building** in the rear of the Central Building is used by the College of Music. In the second story are society halls with committee rooms attached.

**The building, known as Ewing Hall**, is one of the fin-

est college buildings in southeastern Ohio. It is a T-shaped structure, four stories high including basement, and measures 156 feet in length by 131 in depth. Within is an auditorium, with gallery, furnishing seating capacity for about nine hundred people. It contains a president's office, nine recitation rooms with professors' offices attached, the laboratories of the Department of Physics and Electricity, a trustees' and secretary's office, the rooms of the Commercial College, art rooms, and a gymnasium in the basement with four thousand square feet of floor. The methods of heating and arrangement of detail are modern and well-adapted for educational work.

**The Normal College Building** is located about sixty-five feet from the west side of University Terrace and faces the east. It is a building thoroughly modern and up-to-date. Among the things held in mind in planning the building were its fitness for the work to be done in it, its sanitary and hygienic conditions, its safety in construction, its fire-resisting quality, and its architectural design showing art, culture, and refinement.

The design is the modernized treatment of the Italian Renaissance. The building will have, when completed, a frontage of two hundred and twenty-three feet and a depth of sixty-eight feet, the main or central portion being four stories high and the lateral wings three stories high. First quality vitrified clay block, of a reddish brown color with a rough sand finish, is used in the construction. These clay blocks are about one and one-half times larger than the standard size brick and when laid up in bold courses of four tiers, in mortar same color as the brick, appear as one course eighteen inches wide; then comes a course of standard size red brick set back from the face of the dark brown brick one inch, continuing in this manner from the base course at the grade line to the top of the second story with the same treatment, thence up to the corner of the remaining stories in the form of quoins. The body of the wall above the first two stories is of dark red face brick, laid in red mortar. Surmounting these walls is a cornice three and one-half feet high by five feet projection. The entire building is covered

with a hip roof laid with horn pattern red tile, broken only by the dormers. The trimmings of the walls and the openings and entrances of the buildings are of buff oolitic limestone.

The main and central entrance, the prime feature of the design, is two stories in height, built of stone with enriched ornaments. This stands out strong and bold and is the only emphasized portion of the design. The construction of the entire design was with a view to symmetry and balance.

The interior side walls of the corridor in the ground floor, first, second, and third floors, are wainscoted from the floor up to a point five feet above with glazed brick. The walls and ceilings above this wainscoting are plastered in sand finished mortar. All rooms throughout the building have wainscoting five feet high of Keene's cement. The walls and ceilings above this wainscoting are finished in a gray sand finish, it being the idea to pay special attention to the interior finish of the floors and having as little wood work as possible around the doors and windows and without base, except a cove at the intersection of the cement wainscoting and floor.

The system of heating and ventilation is known as the hot blast or fan system, being installed so as to be capable of renewing the air in the building every fifteen minutes.

Particular attention has been paid to the lighting of the rooms, which have ample outside glass area to meet the requirements in this particular. All corridors and stairways throughout the building are straight and fire resisting and ample to comply with the laws of the state governing such buildings.

The main central portion of the building was completed in 1903. The north wing, now in course of construction, will cost \$25,000. The south wing will be put up just as soon as the needed money can be secured.

**The Carnegie Library Building** occupies a desirable position on the southwestern part of the campus. Its cost, with fixtures, is approximately \$55,000. Under certain conditions as to maintenance, Mr. Andrew Carnegie contributed \$30,000 of the cost of the building.

The design is classic. The body of the building, which

is of brick, is faced with gray speckled pressed prick. The steps, platforms, window and door sills, window caps, belt course, and other cut stone trimmings are of buff Bedford stone. The roof is of red tiles.

The building has three principal entrances, all of which are emphasized features of the structure. In the basement is located the museum, the work room, the heating and fuel room, and toilet rooms for men and women. This basement is ten and one-half feet high in the clear and is well lighted.

On the first floor are located the general reading room, newspaper and periodical room, reference room, and gentlemen's room, all 18 x 26 feet. These rooms are well lighted and conveniently located to the general delivery room, which is octagonal and occupies the center of the floor above the basement. This general delivery room is twenty-eight feet in diameter, having eight engaged columns which extend up and support the dome above. On either side of the desk in the delivery room is an archway leading back to the study and the room of the librarian. Adjoining the librarian's room and study and delivery room is a stack room capable of caring for sixty thousand volumes. Leading from this stack room is a stairway to the mezzanine floor, where a third tier of stacks may be placed when needed. Beneath the stack room is the work room, where books may be unpacked, rebound, etc.

**Women's Hall** is located nearly opposite the north entrance of the campus. It is a fine, commodious brick structure, heated by steam, where convenient and pleasant rooms are occupied by a Dean, a Matron, and thirty women students. The dining-room and kitchen are clean and well furnished. Cleanliness and system reign throughout. Excellent boarding can be had at moderate cost at the Hall.

**Boyd Hall**, the new dormitory for young women, is located near the new Normal School Building and the Carnegie Library. It has a frontage of 150 feet on Mulberry street and a depth of 100 feet. The building is classic in design and harmonizes in architecture with the other buildings just named. The general exterior construction consists of brick walls, Bedford stone trimmings, and slate roof.

The plan, in brief, divides the building in its length into practically three distinct compartments, with another compartment extending at right angles to the central axis to the rear of the central portion. These compartments are separated one from another with solid brick walls, with openings only in the central corridor connecting them.

Taking the first floor, the central or middle compartment is divided into a study, sitting room, reception room, office, and stair case, with two short and wide halls leading to the dining room, which is directly back of this central compartment. The sitting room and study are each 15 x 30 feet and have two large triple windows in the front. Each has two large cased openings, as doorways, leading to the central corridor which extends the full length of the building as before mentioned. Across this corridor, from the sitting room, is the reception room. Across the corridor, from the study, is the office, and between the office and the reception room is the wide stairway extending above to the upper floors and below to the basement. This stairway has a large window at the second floor level, thus making it well lighted.

Beyond the two short halls from the central corridor, to the rear, is the dining room on the first floor, which is 22x 42 feet, with a series of five windows at each end, and an open log fire place at one side. Back of this dining room is the serving room 42 x 12 feet.

Occupying the basement portion, immediately below the dining room and serving room, is the kitchen department, fitted up with all modern appliances. The dining room is one story in height. Above the serving room on the first floor are the servants' quarters, consisting of bed rooms, storage closets, and baths. The space between the servants' quarters on the second floor of the main building and the coaming on the roof of the dining room, is provided with a trellis surrounding. This space may be utilized for garden parties or other outside entertainments.

Ample clothes and linen closets are provided in the kitchen departments and in the corridors or halls leading to the dining rooms.

The laundry room is also located in the basement near

the kitchen, from which a clothes chute extends up through the building to the different floors.

A dumb waiter extends from the serving room up to the different floors thus providing the means of serving meals in the rooms above should it ever be necessary in time of sickness.

The two end compartments on the first floor, have five bed rooms in each, with compartment bath. Each room has individual clothes closets and will accommodate two persons.

The second and third floors are practically duplicates of the first, except that portion corresponding with the reception room, parlor, study, etc., on the first floor, is used for bed rooms on the other floors. Each compartment provides for ten persons, with bath accommodations for each compartment. Each bed room is well lighted with ample closet space. In all, accommodations are provided for eighty-eight students and, in addition to these, rooms are provided for the maids and servants.

The building is heated by steam heat and lighted by electricity.

A very prominent and serviceable feature is the large porch across the front of the building, 9 x 68 feet. Above this porch, and of same dimensions, is a balcony on a level with the second floor.

In addition to the wide stairway in the central portion of the building, there is also a stairway in each end of the building, thus providing every possible means of escape in case of fire.

#### **RESIDENCE AND COST**

Hereafter all young women who are not residents of Athens will be required to reside in Boyd Hall or Women's Hall unless the rooms are all occupied. Only in special cases will exceptions be made. This regulation has been adopted with a view solely to the best interests of the young women themselves and not with any purpose to restrict them in the enjoyment of every legitimate privilege. It is the aim of the management to make these quarters as attractive and pleasant as possible and at the same time to keep the cost

as low as is consistent with the accommodations provided. The cost of room and board is from \$3.75 to \$4.00 per week, according to the size and location of the room. Everything is furnished except soap and towels. About one hundred and twenty young women can be received.

### **LIBRARY AND READING ROOM**

In the study of Literature and History the most important aid, in addition to a good teacher, is a large stock of well-selected books. In this respect the Ohio University is liberally provided. The University and Society libraries contain about 25,000 volumes, a large part of which are of recent purchase. In addition to the books of a general character, the private libraries of the professors, which contain works of a more special character to the number of several thousand, are also accessible, under certain limitations, to the students. The reading-room furnishes access to the latest contributions on all topics under current discussion. Some of the largest works are not only useful for reference, but also for purposes of original investigation.

It is the special aim of the managers of the Library to acquire as rapidly as issued all the leading works bearing on Pedagogy, whether in German, French, or English. A large number of works on this topic and the history of education is already on hand. The Library is so managed as to be accessible every day. The reading-room, in which are placed most of the reference books, and all the periodicals, is accessible at all times. The reading of well-chosen books not only tells the student what others have thought in every department of knowledge, but likewise stimulates him to think for himself. A good library is of itself a university.

### **APPARATUS AND CABINET**

The departments of Mathematics, Astronomy, Psychology, Physics, Chemistry, Biology, Electrical Engineering, and Civil Engineering are well-equipped with valuable apparatus, which is put at the personal disposal of the student. The subjects are illustrated upon the lecture-table, but it is insisted upon that a student really enters upon possession of

his knowledge only when he has acquired skill in carrying on laboratory experiments by himself under the supervision of the professor.

The large Biological Laboratory has been filled up with appliances suitable for pursuing extensive courses of study in the various departments of Biology, the selections being made with a view to furnishing each student with such apparatus, reagents, etc., as are necessary for independent work. To this end more than seventy microscopes have been provided and many duplicates of other appliances are at hand. Excellent histological apparatus is in use for freezing and sectioning, and the laboratory is also well-equipped for embryological and bacteriological work.

In the Department of Physics, besides balances, specific gravity apparatus, pulleys, centrifugal devices, pumps, barometers, manometers, pendulums, and a great deal of other apparatus for the demonstration of the principles and laws of mechanics, etc., there are: a set of mounted tuning-forks for bows, a complete set of electromagnetic forks of various pitches, sonometers, siren, pipes, etc., for work in sound; lenses, prisms, mirrors, polariscopes, spectroscopes, spectrometer, diffraction gratings, projecting lantern, cameras, etc., for light; radiometers, thermometers, calorimeters, and other apparatus for heat; and a very good equipment of dynamos, motors, calibrating and measuring instruments, resistances, galvanometers, condensors, magnetometers, induction coils, batteries, Wheatstone bridges, various forms of reversing switches and keys, electrometers, standard cells, electro-dynamometers, and a great deal of other apparatus suited to the general demonstration of the subjects of electricity and magnetism, and to the requirements of the electrical course outlined elsewhere in this catalogue. In addition to this there is ample equipment for individual laboratory work in both the beginning and advanced courses.

The Chemical Department occupies the entire second floor of the Central Building. The lecture room has been enlarged and remodeled and will now accommodate about sixty students. It is supplied with a stereopticon and the necessary conveniences for using it in connection with lectures. The

rear seats are elevated so that all have a favorable opportunity to see the lecture experiments. The laboratories have been refitted with new and modern desks on which gas and water are supplied to each student. There are three laboratories—a general laboratory with lockers for forty-eight students, a qualitative laboratory with thirty-two lockers, and a quantitative laboratory in which sixteen students can be accommodated. Each student is supplied with a locker containing all apparatus necessary for his use; and he is required to pay only for that which is broken. In connection with the qualitative laboratory is a balance-room supplied with analytical balances.

In the Department of Paidology and Psychology a laboratory has been established. Rooms set apart for this department have been equipped with furniture and apparatus such as are needed for experimental work in these sciences. This equipment has been carefully made with the end in view of having a laboratory well arranged for carrying on both elementary and advanced work.

A fine set of surveying instruments of the most approved kind has recently been purchased for the students in field work. The cabinet affords important aid in the study of Mineralogy and Geology. There is great need of further contributions thereto, and to this end the assistance of the friends of the institution is greatly desired and earnestly solicited.

#### MAPS AND CHARTS

Excellent sets of maps, chiefly those of Kiepert and others, published by Rand, McNally & Co., intended to illustrate the physical features and political changes of the historical countries of Europe and the East, have lately been added to the equipment of the institution. These, in addition to those before on hand, afford an important and well-nigh indispensable aid to the study of history and geography. The outfit in this regard is believed to be unusually complete.

#### ADMISSION AND DISCIPLINE

Entering the University will be considered a pledge to obey its rules and regulations. These are few and simple,

appealing to the student's self-respect and sense of personal responsibility. Persons of known bad character or of lazy habits are not wanted and will not be retained unless they show a decided desire to reform. Students from other colleges must present certificates of honorable dismissal.

Ohio University recognizes, and gives full credit to the classification of high schools made by the State Commissioner of Common Schools. Graduates from high schools of the *first* grade can enter the Freshman class of the University or the State Normal College *without examination*, ample opportunity being given them to make up required work in which they may not have reached full college standing. Graduates of high schools of the *second* grade can enter the third year of some one of the courses of the State Preparatory School.

Graduates from a first-grade high school, *English Course*, can enter the Freshman year of the course leading to the degree of Bachelor of Philosophy, with the understanding that they must take three years' work in Latin with college credit therefor.

Requirements for admission to the Engineering Courses are the same as for the Scientific Course in the College of Liberal Arts, except that modern languages may be substituted for Latin.

In requirements for admission to the Normal College modern languages may be substituted for Latin. Graduates from the English Course of a first-grade high school have the same privilege of substitution in regard to Latin as in the course leading to the Ph. B. degree.

In all cases where students seek to enter any of the colleges or departments of the University, without examination, a "Certificate of Application for Admission," stating the subjects satisfactorily passed in the high-school course and signed by the local superintendent of schools or principal of the high school, must be presented. Certificates, enabling prospective students to comply with the conditions herein stated, will be sent to all applying for them.

Candidates for advanced standing are, in all cases, examined to ascertain their thoroughness and proficiency; but certificates from other institutions will be accepted for the amount of work done in the different departments.

In exceptional cases students are admitted to classes for a week on trial, without examination, provided the professors in charge are reasonably certain that they can maintain their standing.

Women are admitted to all departments of the University on the same terms and under the same conditions as those prescribed for men.

A record is made of the daily work of each student. When the standing of the student, as shown by this record and examination, falls below an average grade of 70 per cent., he must review the study. A record is also kept of each student's deportment. A low standing in either record is followed by private admonition, and notice is given to the parent or guardian.

Whenever the conduct of a student is such as to indicate that he is unfit to be a member of the University, either because of immorality or because of habitual neglect of his college studies, he will be requested to withdraw. But in the latter case, his parents will first be notified, and if he is not withdrawn within a reasonable time, he will be dismissed.

All worthy young men and women can secure a college education if they very much desire it. If preparation for admission to a college class can not be made at home it can be secured in the Preparatory School connected with the University and the Normal College. Students with limited supply of money can work and study, taking longer time for the completion of a course, and in the end and with honor attain graduate rank.

The surest guaranty of success is an honest and a determined effort to succeed. If the student has learned nothing more during the years spent in college than how to study and how to investigate any subject of which he takes hold, no matter how meager his knowledge may be at the start, he will be able to enlarge it with astonishing rapidity. His time thus spent, whether it be measured by terms or years, will have been wisely employed. Our age is sadly in need of men and women who have such a preparatory training for life's duties.

### RELIGIOUS INFLUENCE

Students are required to be present at general exercises in the chapel every morning, unless excused by the faculty, and to attend public worship on the Sabbath; but the choice of the place of attendance is left with the student or his parents. A students' prayer meeting is held once a week, at which attendance is optional. The University is not sectarian, and no effort is made to inculcate the doctrines of any particular creed or denomination; but the utmost care is taken to promote sound and healthy religious sentiments. We feel sure that nowhere do these matters receive more careful attention.

The founder of the Ohio University believed that "religion, morality, and knowledge are necessary to good government and the happiness of mankind"; and it has been the steady purpose of those to whom has been entrusted the duty of carrying out his plans to insist on the intimate relation existing between the three. The good man, the good citizen is not he who is best informed, but he who is constantly inspired with the thought that his knowledge should be used for the good of his fellow-men. Knowledge without virtue is a curse and not a blessing. It is the constant policy of both Trustees and Faculty to inspire students with the love of knowledge, and with desire to practice religion and morality. Accordingly only those persons are invited to profit by the means of instruction here placed within their reach, who are willing to conform their conduct as far as possible to the teachings of the Bible. We expect students who have spent some time with us to depart not only wiser, but also better, than they came. If such is not the case it will not be for want of care on the part of the Faculty.

### YOUNG PEOPLE'S CHRISTIAN ASSOCIATIONS

Both the Y. M. C. A. and the Y. W. C. A. have flourishing organizations connected with the Ohio University, and a large proportion of the students are members of one or the other. These hold meetings weekly or oftener, provide lectures on religious or Biblical topics, and take an active inter-

est in promoting the spiritual, moral, and intellectual welfare of the entire student body. The management of the University is in hearty sympathy with the organizations and does all that is possible to aid them in their work.

### FEES

There is no charge for tuition in any of the regular preparatory or collegiate classes, but all students pay a registration fee of five dollars per term.

All fees named are for *each* of the three terms of the college-year. For full statements regarding the work of the College of Music and the Commercial College, and the fees charged, see special announcements elsewhere. Instruction in Drawing and Vocal Music, in classes, is free to all students whose registration fees have been paid. The fee in Painting is ten dollars each term.

The regular fee in Chemistry is one dollar per term, and in Electrical Engineering fifty cents per term, to cover the cost of materials used. To this should be added a small charge for breakage—to careful students usually not more than a few cents. After the second term in Chemistry the regular fee is two dollars per term.

*All fees must be paid within the first thirty days of the term. No exception can be made to this regulation.* The registration fee must be paid when the student enters.

### EXPENSES

Board and lodging can be obtained within a reasonable distance of the University at \$3.50 per week. By forming clubs, students may board at from \$2.00 to \$2.50 per week. Those students whose circumstances require it, are allowed to board themselves, by which means their expenses may be still further reduced; but this plan is not recommended, because likely to be prejudicial to health and good scholarship.

The actual cost of an education at the University will depend very much upon the disposition and habits of the students. The necessary cost is very low—as low as that of any institution affording equal advantages. It is earnestly

recommended to parents not to furnish their sons or daughters with extravagant means. The scholarship and character of a student are often injured by a free indulgence in the use of money. Whatever is beyond a reasonable supply exposes him to numerous temptations and endangers his success and respectability.

As persons frequently wish to know, as nearly as may be, the cost of a student for one year at the Ohio University, the following estimates are here given.

LOWEST.		HIGHEST.	
Registration fee .....	\$15 00	Registration fee .....	\$15 00
Board in clubs, average...	90 00	Board in private family..	120 00
Room .....	30 00	Room .....	40 00
Books .....	15 00	Books .....	15 00
Laundry .....	20 00	Laundry .....	30 00
Incidentals .....	10 00	Incidentals .....	15 00
	\$180 00	\$235 00	

This estimate is for three terms or forty weeks, and includes all necessary expenses. The additional charges for students who take electives in Chemistry and Electricity and for those receiving special instruction in Music, Painting, Elocution, and certain Commercial branches are elsewhere noted.

#### **SELF-HELP**

It is the glory of Ohio University that she does not shut any of her doors against the poor boy or girl. The munificence of the State of Ohio furnishes her sons and daughters with the educational facilities that once were deemed the prerogatives of the children of the rich.

Four young ladies recently formed a "Self-Boarding Club" and demonstrated that it is possible to have wholesome food, in ample measure, at a cost of one dollar per week for each person.

At the present time there are at least forty-five Ohio University boys making their boarding expenses, many of them are making more. There are twenty-four boys earning their meals by acting as waiters in restaurants and other boarding places. Eight boys earn their board by running

boarding clubs. Six boys are earning from \$6.00 to \$15.00 per month apiece by acting as janitor for different club rooms and churches in town. Still there are numerous others earning from a few cents a week up to a good salary by doing all kinds of work, such as reporting for the papers, collecting laundry, acting as agents for different firms, clerking in stores, and doing odd jobs for the town people. These are a few of the ways an energetic student can help himself through school. These positions are changing hands two or three times a year, that is, the most of them are, and if one is on the lookout he can soon get a good place.

Said a student recently: "I have been at Ohio University for two years and to me this is the place for the poor boy. It is a place where one can get the benefit of large appropriations made by the State for running the school; where almost all we spend is for our living expenses, which are as cheap, if not cheaper, than any place else; where the classes are comparatively small on account of the large faculty; where the location is very healthful, landscapes beautiful, and the water is as pure as can be found anywhere."

If anyone feels he cannot afford an education, let him remember that the students here who are working their way through school are the ones that stand at the head of their classes, and are the leaders in school. One boy, who was teaching in a country school, wisely made up his mind he wanted an education. He started in college and after five years of college work received his diploma. He was teaching for \$40 before, now he gets more than twice that to start on.

#### METHODS OF INSTRUCTION

Instruction is given both by recitation and lecture. The constant aim in both is to awaken interest in study, to aid in the acquisition of knowledge, and to develop the power of thought and communication.

Some subjects can be better treated in lectures than others. The knowledge the student has of a subject is likewise a factor that is taken into account. The lecture method is generally better adapted to advanced students than to those who are still in the elements. After the elementary principles

have been thoroughly mastered from the text-book, supplemented with such elucidations as seem to be called for, the student is generally prepared to profit by the lectures of the teacher, and to grasp the wider outlook that is the result of a knowledge of a subject rather than of the contents of any single book, or even of several books. In the observational studies the learner is, as far as possible, brought face to face with the objects themselves under consideration. The classes in Botany and Geology make excursions into the surrounding country for the purpose of collecting specimens and deriving scientific knowledge from original sources. The classes in Surveying and Mensuration have practice in the use of instruments in field work.

### COURSES OF STUDY

Such courses of study have been adopted as experience has proved to be best adapted to the purpose of liberal education. The Classical course, in fullness and matter, will compare favorably with that of the best institutions. The Philosophical course is so arranged as to meet the wants of those who may prefer to study modern languages and English branches instead of Greek, for which French, German, and English are substituted. In the Scientific, prominence is given to Mathematics and the Physical Sciences.

The Normal College courses are intended to fit students for the profession of teaching. A fuller statement of their aims and methods will be found in another part of this catalogue.

Those who are able to attend for a short time only, may take a select course, provided the studies they wish to pursue are such as they are qualified to enter upon with advantage. But no student will take a study to which he has not been assigned or discontinue a study, without permission obtained from the Faculty.

### ELECTIVES AND SPECIAL WORK

Each student in a regular course will be required to take at least fifteen class exercises per week, and no student will be permitted to take more than eighteen, unless some of the

studies are *review* work, except on permission of the Faculty. This permission will be given only on the written request of the student. Students in any one of the courses can select subjects in any one of the others below the class to which they are assigned, but not above, except on approval of the Faculty, who must be convinced that they have had sufficient preliminary training to pursue the elected study with advantage. As will be seen, about half the subjects after the Freshmen year are elective. But in addition to these a large number of others are offered for the benefit of those persons who wish to specialize still further along particular lines. It needs to be noted, however, that they are not offered unconditionally. Regard will be had to the time at the disposal of the teachers and to the number of students taking any particular elective, as well as to their preliminary training. In all cases where a student's knowledge of English is defective, he must pursue this branch until his deficiencies are made up.

During the past few years a number of students, both undergraduate and post-graduate, have pursued advanced studies on special lines. With the recent increase in the number of Faculty a large number of students can be accommodated and in a larger number of branches.

No work *in absentia* will be allowed at Ohio University. Not more than two hundred hours' work, in addition to that of the three regular terms, may be taken by any student in the course of one year, and that only in the Summer, between Commencement and the opening of the next Fall Term.

### DEGREES

The Bachelor's degree (A. B., Ph. B., B. S., or B. Ped.) is conferred upon students who have completed any one of the four courses laid down in another part of this catalogue. The fee for diploma is five dollars.

The Master's degree (A. M., Ph. M., M. S., or M. Ped.) will be conferred upon graduates of this or any other college who give evidence to the Faculty that they possess such literary and scientific attainment as will make them worthy recipients of it, and have, in addition, furnished a thesis after

one year's work in residence. The fee for this degree is ten dollars.

No degree will be conferred until all dues are paid.

### THE EMERSON PRIZE POEM FUND

The late W. D. Emerson, of the class of 1833, bequeathed to the Trustees of Ohio University the sum of one thousand dollars, the interest on which is to be awarded every second year to the student or graduate of the institution who shall write the best original poem. The awards have been as follows:

YEAR.	NAMES.
1893.....	Miss Carrie Schwefel.
1895.....	Miss Esther Burns and Mr. John H. Atkinson.
1897.....	Miss Virginia M. Houston.
1899.....	Miss Virginia M. Houston, Mr. John H. Atkinson, and Miss Willa C. MacLane.
1901.....	Miss Willa C. MacLane.
1905.....	Miss Winnifred Richmond.
1907.....	Mr. Harold Edgar Cherrington.

Persons distinguished in the literary walks of the country have served as judges. Among these may be named: Miss Annie Fields, Mr. Maurice Thompson, Mr. E. C. Stedman, Mrs. Margaret E. Sangster, Mr. W. D. Howells, Mr. Clinton Scollard, Mrs. Ella Wheeler Wilcox, Prof. George E. Woodberry, Prof. W. H. Venable, Prof. George P. Baker, Prof. Henry Van Dyke, and Mr. Hamilton W. Mabie.

The thanks of the University authorities are due and are herewith tendered to the distinguished writers, who acted as judges, for the care with which they examined the verses submitted to them as well as for the interest they took in the competition.

For the information of future contestants, and others interested, the conditions of the competition for the Emerson Prize are herewith given:

Amount, about \$100. Date of award not later than the opening of the Winter term, 1909.

The competitors must be either graduates or students in actual attendance at the University.

The poems must be in the hands of the President of Ohio University before the opening of the Winter term, 1909.

The prize will be awarded upon the merits of the production, not its length.

Anyone having, in any contest, been awarded first prize, shall not again be eligible to contest.

The judges shall be three disinterested persons appointed by the President of Ohio University and the Professor of English Literature *ibidem*, who shall independently of each other pass upon the productions submitted to them.

In the preparation of the MSS. the following regulations are to be observed:

Use the typewriter.

Use paper eight and one-half by eleven inches.

Write only on one side.

Mark the MSS. with some pseudonym or character, and send this in a sealed envelope, with your name and address, to the President of the University. This envelope will not be opened until the award of the judges has been made.

### LITERARY SOCIETIES

There are two literary societies in the University, the Athenian and the Philomathean. They occupy well-equipped halls in the former chapel building. The members have opportunity to exercise themselves in Declamation, Composition, and Oratory, and to become familiar with the modes of conducting business in deliberative assemblies. Debating clubs are also formed from time to time by those students who desire to have more extended practice in the public discussion of important questions.

The first annual contest in oratory, between the two literary societies, was held in the Spring term of 1901. Each succeeding Spring term of the college-year has brought a contest of similar nature. The prizes have been as follows: First prize, \$30; second prize, \$20.

The results of the different contests are shown herewith:

YEAR.	FIRST PRIZE.
1901.....	May S. Conner, Philomathean.
1902.....	James P. Wood, Philomathean.
1903.....	Albert J. Jones, Philomathean.
1904.....	Clarence Matheny, Athenian.
1905.....	Harley E. Baker, Athenian.
1906.....	Fred Shaw, Athenian.

YEAR.	SECOND PRIZE.
1901.....	Lissa Williamson, Philomathean.
1902.....	Adam G. Elder, Athenian.
1903.....	Victor Alvan Ketcham, Athenian.
1904.....	Josephine Caldwell, Philomathean.
1905.....	Floyd S. Crooks, Athenian.
1906.....	Malcolm Douglas, Philomathean.

**THE "BROWN PRIZE IN ORATORY"** — Mr. James D. Brown, a public-spirited citizen of Athens, who has always shown a deep interest in the welfare of the University and a special interest in the oratorical contests, has made provision for prizes to be awarded to the three oratorical contestants winning highest grades as follows: — First prize, \$50.00; Second prize, \$30.00; Third prize, \$20.00. This generous action has stimulated increased interest, among students, in the work of the literary societies.

### PUBLIC SPEAKING AND ARGUMENTATION

Connected with the Winter-term course in the Department of English, College of Liberal Arts, is provision for a class in "Public-speaking and Augumentation." Near the close of the term, members of the class engage in a public debate, held in the auditorium of the University. These debates have grown in merit and interest.

**"THE GROSVENOR PRIZE"** — General Charles H. Grosvenor, an honored citizen of Athens, who for twenty years has been one of the leading debaters in Congress, has offered a prize of \$25.00 to the winners of the Seventh Annual Debate to be

held in 1907. The subject to be debated is: "Resolved, That the tendency toward centralization of power in the Federal Government is a menace to the Republic."

### FACILITIES FOR PHYSICAL INSTRUCTION

**GYMNASIUM** — The University has a large gymnasium which has already been equipped with considerable apparatus, and the supply is being increased from time to time. The dressing-rooms are supplied with large lockers for clothing and with hot and cold shower baths. The use of the baths and the gymnasium is free to students. A deposit fee of *one dollar* is required, of each student, as a pledge for the proper care of his locker and key. This fee will be returned to the student, when leaving college, if the key is returned and the locker left in good condition. In the conduct of the gymnasium the aim is not so much the development of a few gymnastic experts as the provision for wholesome exercise for the many. For this purpose regular instruction in light gymnastics is given for both ladies and gentlemen.

**ATHLETIC FIELD** — The athletic field is a level tract of ten acres, owned by the University and situated a few minutes' walk southward from the campus. The field has been equipped especially for base-ball and foot-ball. The campus itself provides room only for tennis courts, and for a small practice ground close by the gymnasium.

**SUPERVISION OF ATHLETIC SPORTS** — The general supervision of athletic sports is vested in a Faculty Committee.

The Advisory Board consists of the officers of the Athletic Association. These boards, under certain regulations, have charge of all financial affairs of the Athletic Association and the arrangement of all intercollegiate games.

The Faculty Committee, composed of five members, has charge of all matters involving the relation of athletic sports to the University; for example, the eligibility of players proposed for any University team and the investigation of charges of misconduct on the part of players. The policy of the committee is to foster the spirit of honor and gentlemanliness in athletics, to suppress evil tendencies, and to see that play shall not encroach too much upon the claims of work.

**REQUIREMENTS AND CREDITS**—All students, from the first Preparatory year to the Sophomore year, inclusive, regularly classified for scholastic work, are required to take at least two periods of gymnastic work each week, from October 1st to May 1st, unless excused by a physician's certificate or by vote of the Faculty Committee on Athletics. Credit is given to students of collegiate rank on the basis of credit for laboratory work, namely, three periods of exercise for one hour of credit, the maximum credit not to exceed ten hours per term.

DETAILED STATEMENT  
OF THE  
Departments of Instruction

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GREEK

CHARLES W. SUPER, *Professor.*

ELI DUNKLE, *Associate Professor.*

It is the aim of this Department to enable students to read the authors commonly read in colleges and to make them acquainted as far as possible with the literature and life of the ancient Greeks. In teaching the language, especially that of Homer, attention is drawn to those words that are etymologically related to other languages, particularly Latin, German, and English. Especial prominence is given, as the student progresses, to the following points: First, form; second, vocabulary; third, relation to cognate languages; fourth, literature and history. The ear is regarded as equally important with the eye in the interpretation of words. When possible, some entire work of an author is read, as it is believed that a more lasting and more satisfactory impression will thus be made on the mind of the student than by the use of selections only. It is a well-established principle in the study and teaching of the ancient languages that they should be made, as far as possible, the basis of a study of antique life. The Greek language embodies the experience of the most remarkable people of antiquity,—a people whose achievements in literature, in the arts, and in government have been, and doubtless will continue to be, inexhaustible sources of profitable instruction. It is here claimed that the study of

the Greek language, together with all that should properly be taken in connection therewith, will contribute the most important elements of a liberal education. In our Preparatory Department we have attained the best results by keeping the student to the Attic Greek exclusively. In this way, and we believe in this way only, can he be firmly grounded in the essential forms of the most important of the Greek dialects. With it as a norm he is best enabled to understand the variations exhibited by the other dialects, even those that are older. Equivalents offered by students who have prepared elsewhere will be recognized and full credit given. The authors read in the college classes vary somewhat from year to year. During 1906-7 the following works were studied: portions of the Iliad; selections from Herodotus, Thucydides, and Xenophon; four orations of Lysias. Jones's Greek Prose; Kitchel's Plato entire; the Gospel of Luke and several of the Pauline Epistles; Euripides's Alkestis and Elektra; Sophokles's Elektra and Oedipus Tyrannus; Aeschylus's Prometheus Bound.

More important, however, than any quantity of text perfunctorily read is a knowledge of the language and a true conception of Greek life and the artistic ideals of the Greeks. The college library is well supplied with works of reference to which every student has access and which he is urged to exploit to the fullest extent. But there are certain indispensable books which he must have at his elbow if he desires to make satisfactory progress and is not content merely to get the lesson for the day. These are a standard Greek Grammar; Goodwin's Moods and Tenses; Liddell and Scott's Lexicon; Peck's Classical Dictionary; a Classical Atlas. Some of these manuals are just as useful for the study of Latin as for Greek.

Students who wish to pursue Greek beyond the prescribed undergraduate course can be accommodated with three exercises per week for three terms, the subject to be studied or the authors to be read to be selected by the professor after consultation with the candidates. In addition to subjects exclusively Greek, one term in Greek history and one term in Comparative Philology may be taken.

**LATIN**

D. J. EVANS, *Professor.*

MARY ELLEN MOORE, *Instructor.*

Admission to the Freshman class, without conditions, is given students who finish the Preparatory course of the Ohio University, and to those who bring from first-class high schools, certificates covering the same course, or an equivalent. This course is: Cæsar, four books; Cicero, seven orations; Vergil's Aeneid, Books I.-VI.; forty lessons in Latin Composition; and Roman History to the end of the Republic.

The work of the Freshman year is required for the degrees of A. B. and Ph. B., and consists of the study of De Senectute, De Amicitia, Livy, Horace's Odes and Epodes, and also weekly exercises in writing Latin. Credit of 156 hours is given.

The work of the Sophomore year is required for the A. B. degree, though 4th year Greek may be substituted for it. It includes the study of the Letters of Horace, Satires of Juvenal, selections from Seneca, Petronius, Pliny, and Quintilian. Credit of 117 hours is given.

**ELECTIVES**

1. A year is given to the study of the history of the Roman people to the end of the Republic, dwelling especially on the development of the constitution, growth of political institutions, and territorial expansion. Credit of 156 hours is given, but no credit is allowed unless the whole year's work is done.

2. Teachers' Course: Each Spring term a class is organized to qualify advanced students for teaching such Latin authors as are generally taught in first-class high schools. College credit of 24 hours is given for this work.

3. A one-year course in Medical Latin.

For 1907-8, students in Freshman Latin will provide themselves with Latin-English and English-Latin lexicons, Allen & Greenough's Latin Grammar, Bennett's De Senectute and De Amicitia, Peck's Livy, Books., II., XXI., and XXII.

Smith's Odes and Epodes of Horace, and Gow's "Classical Companion."

Students in Roman History (Elective) will be required to provide themselves with Epochs of Roman History and Classical Atlas.

The required work in Latin aims:

1. To teach students of fair ability to read understandingly the Latin authors usually studied in our colleges.
2. To enable students to translate at sight selections from Eutropius, Cæsar, Romæ Viri, and Cicero, and to write the Latin of simple English narratives.
3. To give as complete knowledge, as time permits, of Roman life and manners, customs, and political institutions.
4. To teach the pronunciation of Latin words and the scansion of Latin meters in most common use.

In the whole work the endeavor is to impress on the minds of students that the Latin is the language of a moral and practical people, who left their mark on the world in law and government, and that "Rome is the center of our studies and the goal of our thoughts; the point to which all paths lead, and from which all paths start again."

Harper's Lexicon, Kiepert's wall-maps of the Roman Empire and of various countries, Smith's Dictionary of Classical Biography, and Smith and Seyffert's Dictionaries are freely accessible to students for reference in their work.

They have access also to Simcox's, Teuffel-Schwabe's (Warr's translation), and Browne's Histories of Latin Literature; and to Guhl and Koner's Life of the Greeks and Romans.

## MATHEMATICS AND CIVIL ENGINEERING

PROFESSOR HOOVER.

PROFESSOR ADDICOTT.

### Mathematics

In teaching the pure Mathematics, especial attention is directed to the value of the study as a means of training the logical faculties. Constant stress is laid upon the steps of reasoning which underlie the various processes; and it is

insisted that the principal business of the college student of Mathematics is to apprehend these clearly.

**FRESHMAN ALGEBRA** — The continuation of Fisher and Schwatt's *Higher Algebra* used in the preparatory courses and starting with harmonical progression. In addition, the chapters on the binomial theorem, logarithms, permutations and combinations, variables and limits, the parts of Chapter XXXIII. on infinite series which contribute to the determination of the condition of convergency of the expansion of a binomial with any rational exponent, of the exponential and logarithmic series of Chapter XXXVIII., and of recurring series in Chapter XXXVII.; also, the parts of Chapter XXXV. embracing the theorem of undetermined coëfficients and its application to, at least, the expansion of rational fractions into series, partial fractions, and to finding "the general term"; recurring series, method of differences, interpolation, Chapters XXXIX. and XL. on determinants and the theory of equations, all illustrated by the solution of many original exercises. Given in Winter and Spring terms.

**SOLID GEOMETRY** — This is regularly given in the Fall and Winter terms. The abridged text of Phillips and Fisher is used. All the four books are taken, including all the original exercises. Constant attention is fixed upon the ultimate theorems to be established and thus the continuity and logic of the work are made prominent. Exact conception of the locus is distinctly aimed at, and considerable drill in mental work is given.

**PLANE TRIGONOMETRY** — There will be used, in the Spring term, the second revised edition of Wentworth's *Plane Trigonometry*. Hussey's mathematical tables will be used. Special emphasis will be put upon the analytical theory, and all parts of the work illustrated by large practice in the application of principles. In calculation the methods of the professional computer will be used.

**SPHERICAL TRIGONOMETRY** — Chauvenet's excellent and standard text is used. About all the text for which the student is, at this stage of his mathematical study, prepared is taken. Special pains is taken in computation.

**ANALYTICAL GEOMETRY**—Nearly all of Nichols's text is taken in the Winter term, special effort being put upon the original exercises. This branch is of great importance to engineering students. It is, besides, one of the most elegant undergraduate branches of study.

**DIFFERENTIAL CALCULUS**—This will be given in the Spring term of the Sophomore year. The whole of this part of Osborne's text will be used.

**INTEGRAL CALCULUS**—This is a continuation of the work of the previous term in Osborne's text and will be given in the Fall term of the Junior year. The method of limits is the basis for the theory. Extensive drill in integration is given the student that he may acquire skill in this refined and highly useful instrument of investigation.

**APPLIED CALCULUS**—This will begin in the Winter term of the Junior year and will be adapted to the wants of engineering students especially. The text used will be Perry's *Calculus for Engineers*. It will furnish a review of the more directly practical parts of the two preceding terms in Osborne's text.

**ANALYTICAL MECHANICS**—Bowser's text, applying every previous mathematical course of the student, is taken in the Winter term of the Junior year, and affords the best chance of show of ability of the mathematics he has so far had. About three-fourths of this text is taken, most of which relates to Statics and Dynamics.

**COLLEGE ASTRONOMY**—Young's *General Astronomy* is used, most emphasis being placed upon the parts of a more mathematical character. As largely as possible, the student is made acquainted with the methods of the professional astronomer.

**ELECTIVES**—The following are among the electives in recent texts by the best American and British writers: Advanced Theory of Equations, including advanced Determinants; Analytic Geometry of Three Dimensions; Differential Equations; Advanced Statics and Dynamics; Elliptic Functions; Spherical Harmonics; Least Squares; Mathematical Optics, and other mathematical Physics, with Theoretical Astronomy.

### Civil Engineering

Work in Civil Engineering was planned under action taken by the University Trustees in 1904. This course is designed to give students a working knowledge of the subject.

**LIMIT OF COURSE**—The course covers a period of two years. In that time such subjects are considered as will prove most beneficial in active work. Draughting-room and field practice make up the chief part of the course. Enough theory is given to make the work intelligible.

**EQUIPMENT**—The Department has quarters in the building known as the East Wing. Here can be found a classroom, an office, a drafting-room, a laboratory and instrument room, and a cement-testing laboratory. The laboratory contains five No. 1 transits, two Gurley 8-inch mining transits, two Ulmer 11-inch transits, and a Buff and Berger 11-inch transit. Also there are an Ulmer 18-inch Y-level, an Ulmer 14-inch Dumpy level, and two Gurley 20-inch Y-levels; also a Gurley Plane table, a Gurley compass and numerous other instruments essential to field work, such as tapes, leveling rods, range poles, hand levels, etc. The drafting room has thirty-two large tables with cabinets for drawing boards, paper, instruments, etc. It also contains two large mapping-tables for platting all surveys, a large blue-print frame and a washing tray, for making blue prints. The cement-testing laboratory is equipped with the most modern and improved apparatus. It contains a Fairbanks improved testing-machine, the Vicat, Gilmore's needles, moulds, sieves, etc. New instruments and apparatus will also be added as convenience and necessity require, and every effort made to keep the Department up to date in every particular.

**REFERENCE WORKS**—The leading periodicals and magazines relating to Civil Engineering are in the department library and are accessible to the students at all times.

**Course of Study—Civil Engineering****FIRST YEAR**

*Fall Term* — Solid Geometry (4); Physics (5); Descriptive Geometry (3); Mechanical Drawing (2); English (3).

*Winter Term* — College Algebra (4); Physics (5); Descriptive Geometry (3); Mechanical Drawing (2); Freehand Drawing (1); English (3).

*Spring Term* — Plane Trigonometry (4); Leveling and Surveying (4); Descriptive Geometry (3); Mechanical Drawing (2); Freehand Drawing (1); Field Work (2).

**SECOND YEAR**

*Fall Term* — Railroad Engineering (4); Field Work (2); Electricity (4); Civil Engineering (4); Drawing (2); Cement Laboratory (1).

*Winter Term* — Electricity (4); Civil Engineering (4); Elements of Mechanics (3); Stereotomy (2); Drawing and Mapping (2).

*Spring Term* — Topographic Surveying (2); Electricity (2); Engineering Construction (4); Field Work (3); Drawing (2); Civil Engineering (2).

**Explanatory Statement**

The course in Civil Engineering is designed to give the student a thorough and practical training in the various subjects offered; and to give field and draughting-room practice of such a nature as will prepare him for active work.

The work in Mechanical Drawing continues throughout the Freshman year and embraces twenty plates. Much attention is given to lettering. Anthony's *Mechanical Drawing* and Reinhardt's *Lettering* serve as guides in this work. The work in Descriptive Geometry continues throughout the Freshman year. In the Fall and Winter terms it consists of recitations and problems relating to the right line, curved line, planes, tangents, and normals; to cylindrical, conical, and warped surfaces, and to their intersections. About fifteen original problems are required. Shades, Shadows, and

Perspective are taken up during the Spring term. Church's *Descriptive Geometry* is the text used.

Leveling and Surveying, of the Spring term, consists of four hours per week of recitations and two afternoons per week of field work, embracing the following: Leveling; Chain, Compass, and Transit Surveying; and the use of the Plane Table. The student is required to keep his field notes in proper form, to plat all surveys, and to make profiles of the level lines run. Conventional methods are used in all work. Gillespie's *Surveying* is the text used.

The work in Railroad Engineering is taken up in the Fall term of the second year. This consists of four hours per week of recitations and two afternoons per week of field and draughting-room work. A preliminary survey for a railroad is made and the topography taken. A contour map is drawn and a location projected. The text used is Searles's *Field Engineering*.

In Civil Engineering and Engineering Construction Fiebeger's *Short Course* will be the text-book used in the discussion of the various subjects offered. The Drawing and Mapping consists of original drawings and maps made from surveys taken in the field.

In Stereotomy, the work of French and Ives is used and enough class work is given to obtain a working knowledge of the subject. A number of original problems and drawings are required.

Merriman's *Elements of Mechanics* is taken up during the Winter term. Recitations of book lessons are supplemented by additional problems.

In the Spring term the work in Topographic Surveying is taken up and embraces the following: The accurate measurements of a base line, and triangulating a given section. The topography is taken by means of the stadia and hand level. From the survey a map is made and contour lines are drawn. Conventional signs are used to represent the different structures and objects that appear upon the map.

The work in Mathematics, Sciences, and English is done in the regular University classes.

Students of the Engineering Departments wishing to take

advanced standing in other institutions can do so by taking the required amount of mathematics, language, English, etc., in the regular classes of the University.

Students at Ohio University can take up and complete, within two years, such engineering and scholastic studies as will give them admission, with full credit, to the Junior class of the Case School of Applied Science at Cleveland, Ohio.

Students in the Scientific Course of the University can, if they so desire, elect work in either of the Short Courses in Engineering.

## RHETORIC AND ENGLISH LITERATURE

PROFESSOR CHUBB

The aim of the English Department is two-fold, to train the power of expressing thought, and to cultivate an appreciation of literature. In the classes in Rhetoric the main stress is placed upon the actual work in composition done by the student. In the study of Literature the endeavor is to quicken the artistic and æsthetic sense.

The Library is the laboratory of the English Department. In the study of an author different students are assigned different works for reading. Each student then reports, sometimes in an address, sometimes in an essay, upon the results of his reading.

*When studying Literature emphasis will also be placed upon the practice of composition, and in the classes in Rhetoric much attention will be given to the study of Literature.*

Preparatory to College English, the student must have a thorough knowledge of Grammar, and must have completed the following six terms' work or an equivalent:

### PREPARATORY ENGLISH\*

First Term: Composition and Rhetoric.

Second Term: American Literature — selections from Irving, Bryant, Whittier, and Poe.

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\* Much of the Preparatory English is done by the English Department of the State Normal College.

Third Term: American Literature continued—selections from Holmes, Longfellow, Hawthorne, and Lowell.

Fourth Term: English Literature—selections from Shakespeare, Milton, Pope, and Addison.

Fifth Term: English Literature continued—Wordsworth, Coleridge, Carlyle, Burns, and Arnold.

Sixth Term: Composition and Rhetoric—a study of Description, Narration, Exposition, and Argumentation.

#### The Amount of College English Required for Graduation

For the B. S. degree, 150 hours' credit.

For the A. B. degree or B. Ph. degree, 198 hours' credit.

### COLLEGE COURSES

#### Fall Term

1. TENNYSON—A study of the Idylls of the King, In Memoriam, The Princess, and some of the shorter poems. Three hours. (Required.)

2. SHAKESPEARE—Julius Cæsar, Macbeth, Hamlet, Othello. These plays will be studied in class. In addition four comedies will be assigned for cursory reading. One lecture a week will be given. Four hours. (Sophomore elective.)

3. COLLEGE RHETORIC—In this work the stress is placed upon paragraph-writing and editorials. Three hours. (Required for all degrees, Sophomore.)

4. HISTORY OF ENGLISH LITERATURE—A text is studied and each member makes a special study of a topic assigned. Four hours. (Junior required.)

Before taking this course, students are required to have read the following English masterpieces: Shakespeare's Hamlet, Macbeth, As You Like It, and Othello; Milton's Paradise Lost, Book I., Lycidas, L'Allegro, and Il Penseroso; Bunyan's Pilgrim's Progress; De Foe's Robinson Crusoe; Swift's Gulliver's Travels; Pope's Rape of the Lock; Goldsmith's Vicar of Wakefield; Burns's Cotter's Saturday Night, The Two Dogs, and Tam O'Shanter; Shelley's Cloud, Sky-

lark, and Ode to the West Wind; Keats's St. Agnes, Grecian Urn, and Nightingale; Browning's Pippa Passes; Tennyson's In Memoriam and The Princess; Scott's Ivanhoe, Kenilworth, Talisman, or Woodstock; Eliot's Adam Bede, Mill on the Floss or Middlemarch; Dickens's David Copperfield, Pickwick Papers, Oliver Twist, or Old Curiosity Shop; Thackeray's Henry Esmond, Vanity Fair, or The Newcomes; Stevenson's Treasure Island, Master of Ballantrae, or David Balfour.

5. THE ENGLISH BIBLE—This course is offered by several professors. It is open to all. One hour. Given each term.

#### Winter Term

6. EMERSON—The prose of Emerson is studied, also Chubb's "English Words." Three hours. (Freshman elective.)

7. SHAKESPEARE—A Study of the English Historical Plays in chronological order, King John, Richard II., Henry IV., Henry V., Henry VI., Richard III., and Henry VIII. Four hours. (Open to all who have taken the first term in Shakespeare.)

8. PUBLIC SPEAKING AND ARGUMENTATION—This course is to give a training in public speaking, special stress being placed upon argumentation. It is not intended to be a course in formal logic, but a study of the principles of argumentation as used in every-day life. Each student will appear at least once during the term in a public debate given in the University Auditorium. Alden's "Art of Debate" is the text used in connection with the study of specimens of argumentation. Open to all who have taken Course 3. Three hours.

9. BROWNING—A study of his shorter poems. Three hours. (Senior elective.)

#### Spring Term

10. BYRON, KEATS, AND SHELLEY. Three hours. (Freshman elective.)

11. CHAUCER—Three hours. (Sophomore elective.)

12. NINETEENTH CENTURY PROSE LITERATURE—Ruskin,

Carlyle, and Arnold are studied in class. Four hours. (Junior required.)

13. THE GREEK DRAMA IN ENGLISH — This course is for those who have no knowledge of the Greek drama in the original. Several of the plays of Aeschylus, Sophocles, and Euripides will be read. The course is open to those having taken the Shakespeare courses. It will alternate with the course in Chaucer. (Elective.) Three hours.

## HISTORY, ECONOMICS, AND POLITICAL SCIENCE

PROFESSOR ELSON

CLEMENT L. MARTZOLFF, *Instructor.*

### Modern European History

The growth and development of the great nations of the present time will be studied. Especial attention will be given to the countries of modern times whose history is closely connected with that of the United States. The evident decline of some of the nations of modern Europe will be noted and an attempt will be made to find the reasons therefor.

Some time will be devoted to a study of China and Japan.

Fyffe's "Modern Europe," Schwill's "Modern Europe," "World Politics," by Paul Reinsch, Noble's "Russia and the Russians," and the standard text-books on English and French history will be used in 1907-8.

### United States History

The importance of the study of United States History in preparing citizens to exercise the duties incumbent upon them as members of the body politic is growing more apparent every year. Therefore the aim of the teaching in this department is so to read the history of the past as to throw light upon present civic and economic problems, and thus aid in their solution. The disciplinary value of the subjects included in this department is kept constantly in view. History is regarded as a record of the social, economic, moral, and political life of the people. Environment, former ideas, and changing industrial conditions are all considered as im-

portant factors in determining the course of events. The work of our great leaders in thought and action is studied carefully in connection with the history of the people. Students are encouraged to investigate the civil and economic questions of the present day with minds as free as possible from partisan prejudice and preconceived opinions.

The standard books in Civics and Economics are studied, and the views therein expressed are freely discussed in the class-room. Government publications, magazine articles, and other valuable material are read for the purpose of obtaining all the light possible upon the subject under discussion as well as to broaden the mental vision of the student. The work for the year 1906-7 was as follows:

#### **Preparatory United States History — Required**

FIRST YEAR: FALL TERM — History of the United States, three hours per week.

WINTER TERM — History of the United States, four hours per week.

SPRING TERM — Civil Government, five hours per week.

#### **Collegiate History — Elective**

FALL TERM — The Colonial Period and the Formation of the Union, four hours.

WINTER TERM — The Period of Slavery Agitation, four hours.

SPRING TERM — The Civil War and the Reconstructed Nation, four hours.

Elson's *History of the United States* will be used as a guide in the study of the foregoing course.

#### **Special Electives**

FALL TERM — History and Study of the Constitution of the United States, two hours. The Territorial Expansion of the United States, two hours.

WINTER TERM — Reinsch's *World Politics*, two hours. Comparative Governments.

SPRING TERM — The History of Political Parties, three hours. Municipal Government, three hours.

In the Special Electives, the Madison Papers, The Federalist, Poore's Constitutions and Charters, American State Papers, Reports of Directors of the United States Mint, the Congressional Globe and Record will be used in connection with the standard histories. The volumes of Bancroft, Rhodes, Von Holst, Schouler, Pitkin, and the American Statesman Series are constantly at hand for reference. Hamilton's, Jefferson's, Clay's, and Calhoun's works are always accessible and often used.

### **Political Economy**

FALL TERM — *The Elementary Principles of Political Economy* to Chapter V., Book III.

WINTER TERM — *The Elementary Principles of Political Economy* completed.

The work outlined above is required in the Collegiate Department. *The Elementary Principles of Political Economy* by Ely and Wicker will be the text used. The fundamental principles of the subject will be studied in the first term, followed in the second term by their practical application to the questions of to-day.

### **Elective Economics**

WINTER TERM — Advanced Economics, three hours.

SPRING TERM — Money and Banking, three hours.

Hadley's Economics will serve as a text-book in the Winter term. F. A. Walker's Political Economy and Marshall's Principles of Economics will be used as references.

"Money and Banking," by Horace White, will be used as a text-book in the work of the Spring term.

### **PHILOSOPHY, ETHICS, AND SOCIOLOGY**

PROFESSOR TREUDLEY

The purpose of the various courses offered in the accompanying schedule of work is not only to acquaint students with the general lines of thought, but to aid them to acquire power to reflect upon the problems of life and conduct. If there be sufficient demand, special studies may be offered

kindred and supplementary to those which are announced. It is the purpose of the department to make this work practical not only in so far as the individual's own thinking is concerned, but also as regards the bearings of these themes upon public and private life.

## COURSES OF STUDY

### Fall Term

1. ETHICS — Three hours per week. Required of all Junior students in the course leading to the degree of Bachelor of Philosophy, and of Normal-College students in the Sophomore year, and elective for all others of equal standing. The purpose of this course is to set forth the general principles of conduct with their application to life and character.
2. LOGIC — Four hours per week. Senior required.
3. HISTORY OF PHILOSOPHY — Three hours per week. Required of all students in the courses leading to the degree of Bachelor of Philosophy and Bachelor of Pedagogy and elective for Juniors and Seniors in other courses. The work of this term will embrace a study of Greek philosophy and its bearing upon subsequent thought.

### Winter Term

1. SOCIOLOGY — Three hours per week. Required of all students in the course leading to the degree of Bachelor of Philosophy in the Junior year, and of all Normal-College students in the Sophomore year, and elective for all others of equal standing.
2. HISTORY OF PHILOSOPHY — Three hours per week. Required of all students in the course leading to the degree of Bachelor of Philosophy and elective for all other students of Junior and Senior standing. Particular study will be made of Mediæval Philosophy and the philosophy of the Seventeenth century.
3. ETHICS — Three hours per week. Elective for Juniors and Seniors and students having had first term Ethics. This course is designed to supplement the work offered during

the Fall term by extending it so as to include a further study of the more fundamental questions affecting the individual and social life.

### Spring Term

1. HISTORY OF PHILOSOPHY—Three hours per week. Required of all students in the course leading to the degree of Bachelor of Philosophy and elective for all Juniors and Seniors in other courses. Special study will be made of Modern Philosophy.

2. SOCIOLOGY—Three hours per week. Elective for Juniors and Seniors and students having had the first term in Sociology. The purpose of this course is to supplement the required course in Sociology by an examination of social conditions as found in modern life.

## BIOLOGY AND GEOLOGY

PROFESSOR MERCER

J. E. McDANIEL, *Instructor.*

This Department embraces all the subjects properly belonging to Biology, together with Inorganic and Organic Geology.

The work in Zoology begins with the Fall term of the Freshman year. Abundant opportunity is offered for field work. In addition to the material gathered by the class, use is made of preserved marine types which are received from time to time for the purpose of dissection. Each student is required, also, to spend some time in the Zoological Museum, which contains many valuable specimens.

The student enters the laboratory at the very start, and such types are placed before him for examination and dissection as will lead him step by step to correct habits of observation, by which he is enabled to comprehend the close relations of one form of life to another. As this work is in progress, the subjects under examination are fully discussed, and, on the completion of each dissection, the student is examined upon the work done. Drawings are required of the different parts and organs, in all cases. After a few

types have been studied in the laboratory the subject of classification receives careful attention.

An advanced course in Zoology is offered in the college proper, and a scholarship has been established which insures free tuition and laboratory privileges at the Marine Biological Laboratory, Cold Spring Harbor, Long Island, to the student in this Department doing the highest grade of work. The importance of the advantages thus secured cannot be overestimated, as the student is given abundant opportunity to study marine life amidst its proper environments. He will, to this end, be expected to assist frequently in dredging, for which a naphtha launch is provided.

The course in Preparatory Physiology aims to give a good general knowledge of Anatomy and Hygiene, and the functions of the different organs. Occasional dissections are performed before the class, and some laboratory work is required of all. In the collegiate course this subject is studied by more advanced methods. Osteology receives close attention, and each student is expected to give some attention to dissection, besides making a practical study of a few histological structures. Physiological principles and theories are discussed according to the latest investigations; and, in this connection, experiments are performed in the laboratory. The department is supplied with a valuable skeleton and superb French anatomical models. (For more advanced work in Anatomy and Physiology, see Preparatory Medical Course.)

Elementary Botany is required in all the Preparatory courses except the classical. Work begins with an observational study of germinating plantlets, all students being required to sow the seeds of several representative plants and to make careful drawings of the different stages of growth. Leaves, roots, and stems are studied from the objects as far as practicable, and careful dissections of certain typical flowers precede the regular work of Systematic Botany. As time permits, the student is given some insight into the microscopic structure of plants by practical work in the laboratory. An herbarium of not less than forty plants will be required of all, or an equivalent in laboratory work. In

the collegiate course the student is set to work at once with the microscope, the object being to secure a knowledge from actual observation of the general anatomy and physiology of plants. This is followed by work upon the Cryptogams, and all will be encouraged to make some special investigations for themselves.

The University is thoroughly equipped for work in General Biology, a required subject in all the collegiate courses. A biological laboratory has recently been completed and fitted up with modern apparatus, including a steam sterilizer, fine optical appliances, dissecting instruments, water bath, paraffin bath, CO<sub>2</sub> freezer, Minot Microtome, etc. The student is given practical training in Microscopy, and is taught the process of staining and preparation of permanent mountings. It is the intention to give a thorough knowledge of the structure and mode of growth of typical plants and animal forms, and the laboratory work is accompanied with lectures, in which the composition of organisms, methods of reproduction, development, and other biological subjects are discussed.

At an early stage of the work in Geology, such objective study of minerals is pursued as will enable the student to comprehend the composition of rocks, which is next taken up. To supplement the text, lectures may be given from time to time upon Dynamical, Structural, and Paleontological Geology, and these subjects are further studied in the field. Work is also offered in Determinative Mineralogy. A large cabinet of minerals is open at all times to the student of Geology.

The stereopticon is in constant use in the Department to illustrate the lectures. The facilities for making lantern slides are such that many additions are made annually to the already quite complete set of over eight hundred slides.

WORKS OF REFERENCE—Parker & Haswell, Text-book of Zoology, Schafer, Text-book of Physiology, Marshall & Hurst, Practical Zoology, Stewart, Manual of Physiology, Bessey's Botany, Goodale's Physiological Botany, Gray's Structural Botany, Woll's Diatomaceæ of N. A., and Desmids of the U. S., Strasburger's Manual of Vegetable Histology, Goebel's Outlines of Classification and special Morphology, Vine's Physiology of Plants, DeBarry's Comparative

Anatomy of Phanerogams and Ferns, Huxley's and Martin's Biology, Sedgwick and Wilson's Biology, Packard's Zoology, Lang's *Vergleichende Anatomie der Wirbellosen Thiere*, Landois's Physiology, Stirling's Histology, Piersol's Histology, Shafer's Essentials of Histology, Carpenter's *The Microscope*, Frey's Microscopical Technology, LeConte's Elements of Geology, Dana's Manual, Dana's Mineralogy, Crosby's Mineralogy, Lyell's Principles of Geology, Geikie's Text Book of Geology, Government Reports, complete sets of the American Journal of Morphology, Illustrated Flora of the Northern United States and Canada, by Britton and Brown, Schafer's Text-book of Physiology, Chavau's Comparative Anatomy of the Domesticated Animals, and Campbell's Text-book of Botany.

CURRENT JOURNALS — American Naturalist, Science, American Journal of Anatomy, Biological Bulletin, Ohio Naturalist, Journal of Experimental Zoology, Mycological Bulletin, Nature Study Journal, Popular Science Monthly, and the reports of all the leading scientific societies.

### **Preparatory Biology**

Fall Term — Physiology and Hygiene.

Winter Term — Botany.

Spring Term — Botany.

This work is required of all students five hours each week for the entire year.

### **College Biology**

- Fall Term — Vertebrate Zoology. (Sophomore elective) 4.  
Osteology. (Sophomore elective) 4.  
Microscopy and Histology. (Junior elective) 5.  
Structural Botany. (Senior required if Geology is not taken) 4. Course given 1907.  
Geology. (Senior required) 4. Course given 1908.  
Experimental Physiology. (Junior elective) 4.

Winter Term—Invertebrate Zoology. (Freshman required) 2.

Anatomy. (Sophomore required) 4.

Histology. (Junior elective) 5.

Bacteriology. (Junior elective) 4.

Human Anatomy. (Elective) 4.

Spring Term—Invertebrate Zoology. (Freshman required) 4.

Physiology. (Sophomore required) 4.

Embryology. (Junior elective) 5.

Nature Study. (Required of all Normal students; elective for all other students) 4.

Human Anatomy. (Elective) 4.

Summer Term—Physiology. (Sophomore required) 4.

Preparatory Botany. (Winter term work) 5.

Teacher's Physiology, (Advanced) course) 5.

Structural Botany. (Senior) 4.

Nature Study. (See Spring term work) 4.

All the college courses are laboratory courses. It requires two hours of actual work in the laboratory for one hour credit. All four-hour courses are made up of at least two laboratory periods and two lectures or recitations each week of the term, and all other laboratory courses in the same proportion.

Any student electing the course in Histology and Embryology must plan to take the entire work of the year.

#### Description of Courses

1. ANATOMY—The laboratory work will be mainly dissection of the cat or rabbit and the study of microscopic sections of all the important organs.

2. PHYSIOLOGY—The course will consist of at least two lectures or recitations one hour each and two laboratory sections of two hours each, every week of the term. This will be a course of actual demonstration of the functions of the different organs of the body. For example, the student actually tests the action of the reagents found in the gastric juice upon the food principles. He then uses the gastric

juice prepared from the stomachs of different classes of animals, and tests its action upon different foods, the changes thereby being brought before the eye. Experimental Physiology forms a large part of this course.

3. HISTOLOGY—This course includes a careful study of technic; taking fresh tissue and carrying it through to the finished slide by the most approved and modern methods. The student also makes a study of the finished slide and makes drawings of many type tissues. This course is designed thoroughly to fit the student preparing for the study of medicine, as well as to give the student in general a thorough idea of the structure of the human body preparatory to the study of physiology.

4: BOTANY—Study begins with the plant cell and traces the development of the plant through the successive orders to the flowering plants. Attention will be given to living plants, including plant histology, and a general consideration of all the life principles involved in plants.

5. INVERTEBRATE ZOOLOGY—The course in Zoology takes up the study of animal life in the line of development, beginning with the amoeba and tracing the line by means of type forms through the succeeding orders to the vertebrates.

6. VERTEBRATE ZOOLOGY—This course includes all of the Phylum Cordata except the mammals. The type forms studied are the Amphioxus, the dog-fish, the perch, the frog, the turtle, and the English sparrow. A careful dissection is made of all these forms, but more time is spent on the frog than on any other form. The muscular, the nervous, the digestive, the circulatory, and the respiratory systems are compared in each case to show their relationship and their advancement as we ascend the scale in Cordata. Physiology plays a very important role in this course for all of these forms.

7. BACTERIOLOGY—This course is mainly one of technic. The student prepares all the common media, inoculates specimens of many of the different forms of bacteria and studies the growth and action of the same. He also gets a fair idea of the methods of identification of common forms, making slides from the cultures.

8. EMBRYOLOGY—In this course the student follows

carefully the development of the chick, makes slides of the embryo at different ages from four hours up to seventy hours, and prepares museum specimens of the chick from that to twenty-one days. He supplements his work with careful reading and comparisons with the development of the mammal, and makes dissections of a fetus of pig or cow. Serial sections of pig embryos from 5 mm. to 30 mm. are studied throughout the entire course.

9. **EXPERIMENTAL PHYSIOLOGY** — In this course the frog is used to a large extent in performing the experiments. A complete set of the Harvard apparatus is in constant use. The activities of the muscles and all of the vital organs are observed and tracings made in many cases. The relation of the nerves to the muscles are shown in many ways, including the central nervous system and the sympathetic system. Dr. Fish's manual is used as the basis for the laboratory work, with Porter's Physiology as a constant reference work.

10. **NATURE STUDY** — This course is given during the Spring and Summer terms. It is a course especially adapted to the teachers in the public schools. It will include a study of birds, insects, flowers, and trees in the field. The field of this course is so large that the main object of the work will be to interest the student in nature by giving him a course of observation lessons. Each division of this course will be taken up in a thoroughly scientific method as far as it is studied, so the student will be gaining actual classified knowledge while he is becoming interested in the things around him.

#### **DEPARTMENT OF MEDICAL SCIENCES**

*It is desirable in many cases that students looking forward to the medical profession should, after spending four years in collegiate work, be admitted to advanced standing in medical schools, whereby a year's time may be gained.* With this object in view, the Department of Biology now offers such work as is, in conjunction with Physics and Chemistry, recognized by the best of these schools the full equivalent of a year's professional study. The Departments of Physics and Chemistry furnish abundant opportunities for the work required in that direction. The biological work is, from the

very outset, suited to the needs of the medical student. To this end it properly begins with General Biology, to be followed by a comparative study of animal forms and of phanerogamic and cryptogamic plants. The development of some vertebrate is closely studied, and preparations of embryos are required of each student. Throughout the entire course close attention to laboratory work is insisted upon. Practical instruction is given in the preparation of microscopic objects, and the student is taught the technique of section cutting and mounting. A practical knowledge of Human Anatomy is obtained from the careful dissection of the human body. Arrangements have been made whereby students of the University are allowed, under certain conditions, to attend post-mortem examinations and to assist in the work. The laboratory is provided with modern apparatus for accurate investigation of disease germs, and the student is therefore required to do practical work in the all-important subject of Bacteriology.

#### Premedical Sciences (Required Subjects).

FALL TERM SUBJECTS.	MON.	TUES.	WED.	THURS.	FRI.	HRS.
<u>Physiology and Hygiene...</u>	Rec. (1)	Rec. (1)	Rec. (1)	Rec. (1)	Rec. (1)	75
<u>Structural Botany.....</u>	Rec. (1)	Rec. (1)	Lab. (2)	Lab. (2)	Lab. (2)	120
<u>Inorganic Chemistry.....</u>	Rec. (1)	Lab. (2)	Rec. (1)	Lab. (2)	Rec. (1)	105
<u>Elementary Physics.....</u>	Rec. (1)	Lab. (2)	Rec. (1)	Lab. (2)	Rec. (1)	105
<u>German .....</u>	Rec. (1)	Rec. (1)	Rec. (1)	Rec. (1)	Rec. (1)	75
WINTER TERM SUBJECTS.						
<u>Comparative Anatomy.....</u>	Rec. (1)	Lab. (2)	Lab. (2)		Rec. (1)	72
<u>Invertebrate Zoology .....</u>				Rec. (1)	Lab. (2)	36
<u>Inorganic Chemistry.....</u>	Rec. (1)	Lab. (2)	Rec. (1)	Lab. (2)	Rec. (1)	84
<u>Elementary Physics.....</u>	Rec. (1)	Lab. (2)	Rec. (1)	Lab. (2)	Rec. (1)	84
<u>German .....</u>	Rec. (1)	Rec. (1)	Rec. (1)	Rec. (1)	Rec. (1)	60
<u>French. ....</u>	Rec. (1)	Rec. (1)	Rec. (1)	Rec. (1)	Rec. (1)	60

## Premedical Science (Required Subjects) — Concluded.

SPRING TERM SUBJECTS.	MON.	TUES.	WED.	THURS.	FRI.	HRS.
Chemical Physiology ....		Lab. (2)	Rec. (1)	Lab. (2)	Rec. (1)	72
Invertebrate Zoology.....	Rec. (1)	Lab. (2)	Lab. (2)	Rec. (1)		72
German .....	Rec. (1)	Rec. (1)	Rec. (1)	Rec. (1)	Rec. (1)	60
French.....	Rec. (1)	Rec. (1)	Rec. (1)	Rec. (1)	Rec (1)	60

## Medical Sciences.

FALL TERM SUBJECTS.	MON.	TUES.	WED.	THUERS.	FRI.	HRS.
* Histology .....	Rec. (1)	Lab. (2)	Lab. (2)	Lab. (2)	Rec. (1)	120
* Qualitative Analysis .....	Lab. (3)	Lab. (3)	Lab. (3)			135
* Experimental Physiology	Rec. (1)		Lab. (2)		Lab. (4)	105
* Comparative Vertebrate Anatomy .....	Rec. (1)	Lab. (2)	Rec. (1)	Lab. (2)		90
* Osteology .....	Rec. (1)	Lab. (2)	Lab. (2)		Lab. (2)	105
Advanced Physics .....	Rec. (1)	Lab. (2)	Lab. (2)	Rec. (1)		90
Medical Latin .....	Rec. (1)	Rec. (1)	Rec. (1)			45
WINTER TERM SUBJECTS.						
* Histology, including Neurology .....	Rec. (1)	Lab. (2)	Lab. (2)	Lab. (2)	Rec. (1)	96
* Bacteriology .....	Lab. (2)	Lab. (2)	Lab. (2)	Rec. (1)		84
* Human Anatomy. ....	Lab. (2)	Lab. (2)	Lab. (2)	Lab. (2)	Rec. (1)	120
* Organic Chemistry .....	Rec. (1)	Rec. (1)	Rec. (1)			45
Quantitative Analysis....	Lab. (3)	Lab. (3)	Lab. (3)			108
Physical Chemistry... ....			Rec. (1)	Rec. (1)	Rec. (1)	26
Advanced Physics .. ....	Rec. (1)	Lab. (2)	Lab. (2)	Rec. (2)		72
Medical Latin .. ....	Rec. (1)	Rec.. (1)	Rec. (1)			36

## Medical Sciences—Concluded.

SPRING TERM SUBJECTS.	MON.	TUES.	WED.	THURS	FRI.	HRS.
* Embryology .....	Rec. (1)	Lab. (2)	Lab. (2)	Lab. (2)	Rec. (1)	96
* Human Anatomy.. ....	Lab. (2)	Lab. (2)	Lab. (2)	Lab. (2)	Rec. (1)	108
* Qualitative Analysis .....	Lab. (3)	Lab. (3)	Lab. (3)			108
Quantitative Analysis....	Lab. (3)	Lab. (3)	Lab. (3)			108
Electro-Chemistry .....			Rec. (1)	Rec. (1)	Rec. (1)	36
Advanced Physics.....	Rec. (1)	Lab. (2)	Lab. (2)	Rec. (1)		72

All subjects in the group of the premedical sciences are required in all the college courses. The starred subjects in the schedule of medical sciences are required of all students desiring advanced standing in medical colleges. It is possible for a student to take the entire group of subjects in the schedule of medical sciences as electives during a four-year course at the University.

The figures in the column marked *Hrs.*, in the schedule, indicate the number of actual hours worked in each subject. All other figures indicate the number of hours worked each day.

It is necessary for each student who has medicine in view to register with the Ohio State Board of Medical Registration and Examination not later than the beginning of his senior year in this University. The fee for this registration is \$2.00. The officer who has this in charge at Columbus is Dr. Geo. H. Matson to whom all inquiries on this subject should be addressed.

Among the books of reference to be found in the library may be mentioned Gray's Anatomy, Quain's Anatomy, Holden's Anatomy, Landois and Sterling's Physiology, Hertwig-Mark's Text-book of Embryology, Lehrbuch der Vergleichenden Entwicklungsgeschichte (Korschelt & Heider), Minot's Human Embryology, Zeigler's General Pathology, Stoehr's Histology, Von Kohlden's Pathological Histology, Korschelt & Heider, Text-book of Embryology of the Invertebrates,

Wilder and Gage's Anatomical Technology, Weidersheim's Comparative Anatomy, Sternberg's Bacteriology, Reference Hand-book of Medical Sciences, Spalteholz's Hand Atlas of Human Anatomy, and standard texts and guides in Histology. The following subjects are comprehended in this course: General Biology, Zoology, Mammalian Anatomy, Human Anatomy, Histology, Physiology, Structural and Systematic Botany, Vegetable Histology, Embryology, and Bacteriology.

**PHYSICS AND ELECTRICAL ENGINEERING**

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*Professor ATKINSON.**GEORGE E. McLAUGHLIN,**Assistant in Electrical Engineering and Instructor in Shop Work.**RHYS DAVID EVANS,*  
*Instructor in Laboratories.*

1. ELEMENTARY PHYSICS—This work is required in the first and second terms of the third preparatory year in all the courses of study. Recitations three times a week; laboratory work four hours a week. A laboratory fee of fifty cents a term is charged. The class-work will not be required of those having a diploma from a First Grade high-school; but the laboratory course will be required of all high-school graduates and others who have not had its equivalent. Milikan & Gale is used as text-book.

2. GENERAL PHYSICS—This course is required throughout the Junior year of the Scientific course, and is open as an elective to students in other courses, provided they have the preparation required of students regularly in this course. In all cases, the course in General Descriptive Chemistry, or its equivalent, must precede this course in Physics. Hereafter, also, a knowledge of Analytical Geometry and Calculus will be required. The instruction consists, first, of class work, with experimental demonstrations; second, of individual laboratory work of an advanced character. As an outline of class work, Hastings & Beach will be used, though references to numerous works on Physics, particularly on special subjects in Physics, will be given as supplementary to the text. The laboratory portion of the work will be adapted to

the requirements of Junior students and will presuppose the work in Course I, or its equivalent. Recitations three times a week, laboratory six hours a week. Ames & Bliss, Nichols, Stewart & Gee, Millikan, Ferry, and other authors are used as laboratory references.

3. PHYSICAL LABORATORY — This will be a special elective course in heat and light, given in the Senior year and open to those who have already had 1 and 2.

4. PHYSICAL LABORATORY — This is elective, and will be open on the same terms as 3. The course consists of exact measurements in electricity and magnetism. A very excellent special laboratory is now used for the work of this course, and the aim is continually to improve the facilities. Nichols, Stewart & Gee, Kempe, Carhart & Patterson, Stine, and Ayrton, will be used as references. Class work twice a week. Laboratory six hours a week during third term.

PHYSICAL LABORATORY — This is an elective course, given in the first term, Senior year, consisting of a study of dynamo electric machines to the end of determining and plating their characteristics, efficiency, regulation, etc. Lectures twice a week. Laboratory six hours a week.

The fee for laboratory privileges is fifty cents a term.

### **Electrical Engineering**

OPPORTUNITIES — The rapid development of electricity for the purpose of light and power, and its general introduction into all forms of industry, have created a demand for men well qualified in this branch of engineering. The profession offers excellent opportunities for young men, and the field is so broad that the chances for rapid promotion are very flattering to those properly qualified. The thoroughly educated man who combines practical experience with his theoretical knowledge of electrical engineering is in special demand; for many now engaged in this work are poorly fitted for its duties. The University does not lose sight of the fact that mind training is its chief business. Yet it is the guiding principle of this Department that the education of the mind is none the less efficient for making use of the materials for this purpose which may at the same time be applied by the

trained mind to earning a livelihood. We hold that, instead of being opposed, these two features are correlative.

Ohio University is a State institution, and a free library, now occupying the new Carnegie Library Building, literary societies, musical, scientific, and other organizations add much to the advantages of students. All the regular literary departments of the University are open to engineering students, if they choose to elect any of the general work there offered. The whole atmosphere of college surroundings is beneficial, and constitutes no small advantage over the purely technical school. In Ohio University small classes, usually ten to forty, and attention to individual students are advantages that can not be over-estimated.

There is a growing demand for salesmen of electrical machinery and supplies, and for men with business qualifications to manage the practical affairs of the electrical industries, and to take charge of parts of their business interests. These demands are sure to continue for some years to come. It is these demands that we are aiming to meet in the training of our students. The course in Electrical Engineering offers what we think no similar course contains; namely, a year's elective course of training in business. The student will thus be able to take a position either in the technical or business departments of any of the electrical industries. This course is especially adapted to engineering students. It is believed that the student's opportunities are enhanced several fold, not only through the self-confidence thus gained, but his ability to do something as well as to know something.

**EQUIPMENT**—The University possesses an excellent incandescent lighting plant, used for lighting the buildings and campus, with the design of extending to the student practical training in the construction, operation, and care of electrical and steam machinery. The plant is modern in all its parts, and meets our present requirements for light and power quite satisfactorily. Very extensive additions to the electrical equipment have been made recently. Both direct and alternating currents are used. The switches and fittings on the boards, wiring and general installation are all the work of students. Modifications and extensions from time to time

give others excellent opportunities to obtain valuable practice. This practice also includes dynamo and engine tests, attaching indicators, obtaining and interpreting cards, valve settings with and without the indicator, etc. The equipment consists, in part, of a large laboratory for Elementary Physics and Electricity, a laboratory for advanced Physics, one for electrical measurements, a lecture room, office, photographic dark room, photometry room, drafting room, a dynamo, motor and transformer laboratory, a shop, and a boiler and engine room. In all these, students have the advantage of practical training in the various phases of electrical and steam engineering work. Great expense has been incurred in equipping these departments of work, and additions will be continually made in order to keep up with the times and the increased enrollment. The power room contains a direct-connected Thompson-Ryan-McEwen set, a Corliss engine belted to a 3-phase generator, and a vertical Erie engine, and the necessary switch-boards and other appliances; the steam power being derived from a 100 horse-power boiler located in an adjacent room. The dynamo laboratory contains a Westinghouse multipolar machine which can be used as a compound generator or as a motor to drive the counter-shaft to which are belted other machines, which in turn may serve different purposes for power and tests; for example, a Western Electric arc machine, a Westinghouse bi-polar incandescent, T. H. generator, a multipolar alternator, an induction motor (three-phase General Electric), a rotary converter with pulley, and a 10 horse-power multipolar motor and generator. There are also several motors of various designs from 1-4 to 1 h. p., and a 5 h. p. gas engine. In this laboratory are also several transformers of different sizes and makes, used for experimental and testing purposes. There are also the necessary switchboards, lamp-racks, load rheostats, measuring instruments in large number and variety, such as voltmeters, ammeters, wattmeters, electrodynamometers, tachometers, contact makers, etc.

The electrical profession requires a great deal of mechanical ability and training in the use of tools for both wood and metal. The Department is provided with shops for both,

a forge and lathe room having been provided in the basement of Ewing Hall as a further addition to our facilities in this direction. These shops are provided with wood and metal-working lathes, and a complement of the necessary tools. Additions to the shop facilities are being made continually. As will appear from the course outlined below, while mastering the use of tools, the student is taught the construction of useful pieces of apparatus for laboratory purposes. The ability thus to construct apparatus and machinery, to preserve the proper relations of the several parts in fitting them together, and in overcoming the difficulties that may arise in embodying one's ideas, has a very great educational value aside from its practical aspect. Each student this year in the second-year course designed and constructed an electric motor or dynamo from one-fourth to one horse power.

**REFERENCES** — Students in the Engineering departments find on file for ready reference a large number of technical periodicals, such as the Electrical World, Electrical Review, Electricity, Electric Journal, Street Railway Journal, Engineering Magazine, Power, Scientific American, Scientific American Supplement, School Science and Mathematics, Physical Review, Science Abstracts, Engineering News, Engineering Record, Mines and Minerals, Journal of the Association of Engineering Societies, Journal of the Western Society of Engineers, Reports of State Engineering Societies, Cement, Railway Gazette, Journal of Franklin Institute, Electro-chemical and Metallurgical Industry, Journal of the Chemical Industry, Die Zeitschrift für den physikalischen und chemischen Unterricht. Besides the Department library, which is available to students taking these courses, the Carnegie Library is also open for use each day, and three evenings a week.

**AID.** — Ohio University makes no promises of positions to prospective students. But the young man who conscientiously does what is assigned him to do, and makes a success of his college work, need have no fears about his future success. Of course we use our influence in helping young men secure positions. The fact that no one of those who

has creditably completed any of the courses has failed to secure a good position, and that last year we had calls for men we were unable to supply, should be a sufficient guarantee and encouragement to those about to begin the work. Our principal object is the thorough mental and practical training of men for the various lines of engineering work; and they are thus fully prepared to accept good positions.

**ENROLLMENT.**—The enrollment in the Engineering classes increases from year to year, and good positions are awaiting still more students who complete the work. For the year ending April 1, 1907, the total enrollment in the Electrical Engineering classes of the University was 86. This number was nearly uniform throughout the year. See the enrollment list at the end of the catalogue for the names and addresses of the students in Electrical Engineering.

**REQUIREMENTS**—All work scheduled in Electrical Engineering can be taken as elective by students pursuing the course leading to the degree of Bachelor of Science. There is optional substitution of modern languages for Latin. See courses of study of the State Preparatory School given elsewhere. Graduates of First Grade high-schools will be able to enter the first year of the "Short Course" if they have taken either Latin or a modern language.

For entrance to this course, the requirements are the first, second, and third terms of Algebra, Plane Geometry, and three terms of English.

The English includes two terms of Literature and one of Rhetoric. Those not prepared in these branches may be permitted to take up free-hand and mechanical drawing, while making up this work in the Preparatory School. The higher branches, Analytical Geometry, Calculus, and Analytical Mechanics are strongly recommended to students in the Short Course. Physics and Chemistry are required as indicated. When the Short Electrical Course and the auxiliary studies are completed, a certificate will be issued showing the character of the work done. Also, where it is deserved, a recommendation will be issued showing the student's ability in theoretical and practical electrical and steam engineering. The courses are subject to such changes from time to time

as the profession requires, and as the proper treatment of such studies makes necessary. The complete college course is urgently recommended in each case.

For the present there will be a charge of fifty cents a term for each laboratory course, and students will be held responsible for all breakage and damage. The charge for students in Electrical Engineering will be five dollars a term, the regular contingent fee. Those who are not electrical students, but who wish to take mechanical drawing, may do so on payment of one dollar per term in addition to the contingent fee.

**DESCRIPTION OF COURSES** — The following is a brief statement of the nature of that portion of the Course taught in this Department. The portion taught in other departments is described elsewhere.

**DRAWING AND DESCRIPTIVE GEOMETRY (3)** — Church's *Descriptive Geometry* is used as a text in this subject. A course in Mechanical Drawing and Lettering accompanies it. Recitations twice a week and drawing three hours a week. Problems of right lines, planes, curves, tangents, normals, cylindrical, conical and warped surfaces, of shades and shadows are considered. The second term includes projections, intersections and development of surfaces, six hours a week. The third term's work consists in making enlarged drawings from blue prints of engine parts and details. Also practice in lettering, especially free hand lettering, is required through the term. Six hours a week in the drafting room is required. The fourth and fifth terms require first pencil sketches containing all measurements of such objects as pieces of laboratory apparatus, pieces of pipe containing a valve, an elbow and a union, a wheel, parts of machinery, head of polishing lathe, head stock of machine lathe, bench vise, sight feed lubricator, lathe chuck, etc. All the necessary views of details are drawn, then a complete assembly of these details is made on the drawing board and finished in proper form. The fifth term is a continuation of previous term, but requiring more complicated sketches and scale drawings. The sixth term includes station and switch-board design.

**SHOP WORK (4)—(1)** Wood turning according to blue-

prints, and also from original designs; planing, truing and fitting in wood; mortising and tenanting; bracing, gluing and pinning; four hours a week in the shop.

(2) Iron turning, end truing, sandpapering, inside turning; machine thread cutting and fitting, splicing a shaft or bar; pipe cutting, threading and fitting by sleeves, elbows, unions, valves, etc.

(3) Bench work; sawing and filing brass, squaring, truing, fitting and soldering; construction of various useful devices; tapping, dieing, hand tool turning, and working to shape. General repair work in engine and boiler room. Electrical construction about the college buildings and dynamo laboratory.

The second year's work consists of a complete design of a motor and rotary converter, of  $\frac{1}{4}$  to 1 h. p., construction of patterns from the original blue print designs, and building the machine, and finally making a complete test of the same.

**STATION PRACTICE (2)** — This comprises practice in the care and operation of all the machinery in the college direct and alternating current station and the city alternating current plant. This is required to be done in the same manner as would be if the student were fully responsible as the operating engineer. Six hours a week in the two stations, for two years. Other plants, such as those of the State Hospital for the Insane and the Athens Brick Company, are also utilized in the instruction of classes.

**DIRECT CURRENT MACHINERY (4)** — A study of the construction, operation and testing of direct current dynamos, motors and other machinery. Franklin and Esty is used as a basis for this course.

**ELECTRICAL DESIGNING — WIRING AND ARMATURE WINDING (2)** — A course of lectures on the designs of electric circuits for various purposes, and also on the winding of various types of armatures; this is accompanied by individual work by each student in wiring, on the drawing board from measurements or floor plans, dwelling, college buildings, hotels, business blocks, etc., and in making estimates of all material for a complete installation; switch-boards, are also designed

for certain purposes by each student. Several armature models for ring and drum winding are used and each student by means of real formed copper coils and by colored cords practices the various forms of winding, both direct and alternating, and then makes diagram drawings of the complete winding.

ADVANCED PHYSICS (3) — An advanced course in theoretical physics throughout the year. Hastings and Beach has been used, also Carhart's *University Physics*, Barker's *Physics* and Watson's *Text Book of Physics*. Among other references are Ganot's *Physics*, Violle's *Cours de Physique*, and Muller-Pouillet's *Lehrbuch der Physik*.

PHYSICAL LABORATORY (2) — An advanced laboratory course of six hours a week to accompany the class work. References for this work are made to Ames and Bliss, Stewart and Gee, Ferry, Millikan, Miller, Nichols and others.

DYNAMO LABORATORY (4) — Course of eight hours a week in the dynamo laboratory in studying the characteristics, regulation and efficiency of direct current machinery. Also lectures once a week. Swenson and Frankenfield is used as a text-book and laboratory guide.

ELECTRICAL AND MAGNETIC CALCULATIONS (4) — This is a study of magnetic and electric laws through a large number of examples and original problems. Atkinson's *Electrical and Magnetic Calculations* is the text-book used.

ELECTRICAL MEASUREMENTS (4) — Two lectures a week in the theory, and six hours a week in the laboratory in the various methods of making electrical measurements of current, resistance, electro-motive force, capacity, inductance, etc. Carhart and Patterson is used as a text-book and laboratory guide.

STEAM ENGINEERING (4) — This course consists of a study of boilers, boiler settings, fittings, braced and stayed surfaces, properties of steam, combustion, chimney design, valves, engines — simple and compound, problems of pressure, power, indicators, governors, condensers, heaters, etc. Ripper, and *Power Catechism* are used in conjunction.

ADVANCED STEAM ENGINEERING (6) — This consists of three recitations a week, Ripper's *Steam Engineering*, ad-

vanced course, being used, and six hours in the laboratory, testing boilers for coal consumption, horse-power and efficiency; calorific value of different fuels; per cent. moisture in steam, and effect of reducing; furnace, flue and feed water temperatures, etc.

ALTERNATING CURRENT MACHINERY (4) — A study of the construction, operation, and testing of alternating current machinery. Sheldon's *Alternating Current Machinery* is used as a text-book.

ALTERNATING AND POLYPHASE CURRENTS (4) — A more detailed study of the characteristics of alternating and polyphase currents; solutions of problems; regulation for combined output; efficiency and losses; measurements of power; alternating current motors and their characteristics. Jackson is the text-book used.

DYNAMO LABORATORY (4) — Lectures once a week, laboratory work six hours a week on the measurements of self and mutual inductances, capacity; E. M. F. and current curves of alternators and transformers; measurement of alternating and polyphase power. Various references are used, such as Jackson, Sheldon, Nichols, and others.

ELECTRIC DISTRIBUTION (4) — Various forms of circuits for lighting, circuit devices, overhead, and underground forms of construction, the arc, arc lamps, incandescent lamps and circuits, carbonless lamps, etc., are studied. Second term in Franklin & Esty's text.

ELECTRIC MEASUREMENTS (2) — This is a six-hour laboratory course in the photometry, efficiency and life of incandescent and arc lamps; insulation and break-down tests of wire and cable insulation; also magnetic properties of various samples of iron and steel.

TELEPHONY (3) — This is a study of the various forms of telephone apparatus, switchboards, signal systems, party lines, automatic exchanges, etc. Text-book, Kemster Miller's *American Telephone Practice*.

ELECTRICAL TRANSMISSION OF POWER (4) — This is a study of the comparative merits of various methods for the transmissions of power, and a detailed study of the electrical methods; the organization and development of hydraulic

works; line construction; the commercial problem. Bell's *Power Transmission* is used.

ELECTRIC RAILWAY (3) — This course is a discussion of the general principles and practical aspects of the distribution of power for electric railways, and the modern methods of meeting the questions of complicated city systems, long interurban roads, and high speed undertakings. Bell's *Distribution of Power for Electric Railways* is a basis for this work, though actual cases, and proposed systems are carefully studied. Ashe and Keiley is used for reference on equipment and modern methods of car breaking and control.

CENTRAL STATIONS (4) — Lectures on the design, construction and testing of electrical generating stations, covering the boiler-room, engine and generator room, pumps, condensers, heaters, paralleling, switchboards, and special apparatus.

CONTRACTS AND SPECIFICATIONS (1) — Lectures or recitations once a week on forms of specifications. Special references on contracts are given. Original specifications and formal contracts are required from each student.

THESIS (5) — This is a laboratory investigation carried on during the whole year by the student, the credit being given in the Spring term.

NOTE — Particular attention is called to the fact that graduates of First-Grade high schools will be able to complete the Scientific Course in four years; the Short Course in Electrical Engineering will in every case require two years. Students who finish either of the courses will be fully able to meet the requirements of the Ohio law relative to the examination and licensing of engineers.

## SHORT COURSE IN ELECTRICAL ENGINEERING

REQUIREMENTS — English: One term of Rhetoric, two terms of Literature. Mathematics: Three terms of Algebra, Plane Geometry. These may be taken in the Preparatory Department of the University. This course may be taken as elective work during the four years of the Scientific Course.

**First Year**

FALL TERM — Physics, Class Work and Laboratory 5; Solid Geometry 4; Direct Current Machinery and Appliances 4; Drawing and Descriptive Geometry 3; Freehand Drawing 2; Shop Work; Station Practice, University and City Stations 1.

WINTER TERM — Physics, Class Work and Laboratory 5; Algebra 4; Electrical Distribution 4; Descriptive Geometry and Mechanical Drawing 3; Freehand Drawing 2; Shop Work; Station Practice 1.

SPRING TERM — Plane Trigonometry 4; Electrical Designing, Wiring and Armature Winding 2; Electrical and Magnetic Calculations 4; Steam Engineering 4; Mechanical Drawing 2; Freehand Drawing 2; Shop Work; Station Practice 1.

**Second Year**

FALL TERM — Alternating Current Machinery 4; Power Plants 3; Chemistry or Spherical Trigonometry 4; Dynamo Laboratory, Direct Current Machinery 4; Mechanical Drawing 2; Shop Work; Station Practice 1.

WINTER TERM — Central Stations 4; Electrical Transmission of Power 4; Telephony 3; Chemistry or Analytical Geometry 4; Mechanical Drawing 1; Shop Work; Station Practice 1.

SPRING TERM — Electrical Measurements 4; Electric Railway 4; Analytical Chemistry or Differential Calculus 4; An Investigation and Report 2; Contracts and Specifications 1; Mechanical Drawing 2; Shop Work; Station Practice 1,

**CHEMISTRY**

PROFESSOR BENTLEY.

FRANK B. GULLUM, B. S., *Instructor.*

The aim of the Chemical Department is two-fold. It offers to the general student the opportunity of becoming acquainted with the general principles of this science and gives him practice in some of the methods used in the chem-

ical laboratory. To a smaller number of students the Department offers superior facilities for more advanced work both theoretical and practical, organic as well as inorganic. In the rooms recently equipped for advanced work every convenience is supplied. The Department is also accumulating a library of reference books which will meet the requirements of the students who make chemistry their special field for work.

### Courses

1. **GENERAL DESCRIPTIVE CHEMISTRY.**—This course consists of three lectures or recitations and four hours' laboratory work per week during the Fall and Winter terms. The lectures will be illustrated with experiments and with stereopticon views on applied chemistry. In the laboratory the student will study the preparation, properties, and reactions of the various elements and compounds considered. This course requires no special preparation, and it or an equivalent must precede all other courses in chemistry. It is required of Sophomores in the A. B. and Ph. B. courses and for Freshmen in the B. S. course.

Holleman's Inorganic Chemistry, Newth's Inorganic Chemistry, and Remsen's College Chemistry are recommended as reference books for students in this course.

2. **QUALITATIVE ANALYSIS**—A laboratory course of three hours per week for two terms is offered. The first term's work may be done at the same time with the second term of Course 1, or by doubling the working time the whole work may be done in one term. The student will become familiar with the tests applied for the identification of bases and acids in insoluble as well as in soluble substances.

3. **ORGANIC CHEMISTRY**—A short course in this subject will be offered for the Fall term, and will consist of three recitations per week. The course will give a general knowledge of the subject. Laboratory work in organic preparations may be arranged for if desired.

4. **THEORETICAL CHEMISTRY**—This course will consist of three recitations per week during the Winter term. It will supplement the theoretical work done in Course 1, and will give the student some acquaintance with the more recent

developments in theoretical chemistry. Course 4 should be preceded by Courses 1, 2, and 3.

5. ELECTRO-CHEMISTRY—Three recitations per week are given in the Spring term. This course is a continuation of Course 4 and should be preceded by it. Le Blanc's Electro-Chemistry will be used as a text-book.

6. QUANTITATIVE ANALYSIS—A laboratory course, the equivalent of three hours per week, for three terms, is presented. The course will give practice in the more general methods of quantitative analysis, both gravimetric and volumetric. It should be preceded by Course 2, but may be taken in conjunction with it.

7. ADVANCED PRACTICAL CHEMISTRY—A laboratory course equivalent to three hours per week to be devoted to such work as the student may elect. This course follows Course 6.

8. TECHNICAL CHEMISTRY—This course will consist of lectures, recitations, and reports by the students. It will be shaped to suit the wishes of the class and will secure a credit of three hours per week. This course will be open only to those who have taken Courses 1 to 6 inclusive or their equivalents.

9. METALLURGY—A general treatment of the subject occupying three hours per week throughout the year. Previous training in general and analytical chemistry is essential. Roberts-Austen's *Introduction to the Study of Metallurgy* will be used in this course.

## MODERN LANGUAGES

PROFESSOR TAUSCH.

The entire course in German covers a period of four years. The first two years are required of all students in the Philosophical and Scientific courses. Two courses are offered as electives—a year of reading the classics with composition and a year of reading modern writers with conversations, offered alternately. The course in modern writers will be offered in 1907-1908.

**Preparatory German**

*First and Second Terms*—Becker's *Elementary German*, five hours a week.

*Third Term*—The New Testament in German, five hours a week.

**Collegiate German**

*First Term*—Light novels, four hours a week.

*Second Term*—Lyrics and Ballads, four hours a week.

*Third Term*—Historical Prose, four hours a week.

**Elective German**

*First Term*—Light novels, four hours a week.

*Second Term*—A drama, two hours a week.

*Third Term*—Scientific prose, two hours a week.

**Scientific German**

A third year of Scientific German is required for degree courses in Engineering.

*First Term*—Four hours a week.

*Second Term*—Two hours a week.

*Third Term*—Four hours a week.

**FRENCH**

The course in French is required of all students in the Philosophical and Scientific courses.

*First Term*—Grammar and New Testament, four hours a week.

*Second and Third Terms*—Grammar and light reading, four hours a week.

**Elective French**

*First Term*—Modern narrative prose, two hours a week.

*Second Term*—Selections from the French drama, two hours a week.

*Third Term*—Scientific French, two hours a week.

**Elective Spanish**

*First Term*—Grammar with reading and recasting the parables of the New Testament, three hours a week.

*Second and Third Terms*—Light prose, three hours a week.

Students who wish to pursue the study of German, French, or Spanish beyond the requirements for undergraduates, can generally be accommodated.

**DRAWING AND PAINTING**

MARIE LOUISE STAHL, *Instructor.*

The great importance of the study of drawing is coming to be recognized by our best educators. Dr. Denman Ross, of Harvard University, in a speech delivered at the dedication of the Rhode Island School of Design, said: "The arts first, pure learning and science afterward, then all together. That is the programme of the new education which is going to give us the wisdom of life with the power of art; the education which is going to teach us what to do and how to do it. Those who can go to college ought to acquire a very considerable training in the principal arts and knowledge of the best thought that has been put into them."

There is perhaps no other study that develops so many phases of man's nature as the study of art. It makes one think, observe, gives skill with the hand, creates a love for the beautiful in nature and in art; or, in other words, cultivates the æsthetic sense which has a direct moral influence and expresses itself in our daily life. "What we like determines what we are, and is a sign of what we are, and to teach taste is inevitably to form character." The work in this Department is carried on as much as possible after the manner of our best Art Schools. The studio is well equipped. Perspective is taught from interiors, etc., and varies the work from still life casts, and the living model. Any individuality in the student is encouraged and no fixed methods are insisted upon. In painting, instruction is given in oils, water colors, pastels, and porcelain decorations for which a kiln has

been provided. Some knowledge of form, proportions, and mass of light and shade is necessary through the study of charcoal drawing before the student can begin to paint. Instruction in out-of-door work will be given to those desiring it, who are sufficiently advanced. A number of the best art periodicals, as well as other works on art, are kept in the studio to which the students have access.

### ELOCUTION

Louise King Walls, *Instructor.*

The aim of this instruction is both educational and artistic; to cultivate a personal taste for literature and the ability to interpret and express it.

Great attention is paid to the individual needs of the student. Each student must commit and prepare for rendition selections advised by the instructor, on which he receives individual instruction. From time to time recitals are given to accustom the pupil to freedom in addressing public audiences. The course includes (a) Voice Culture, Proper Breathing, Tone Production, Modulation, Range, Flexibility, Voice Use, Development of Color, Accent, Emphasis, Inflection; (b) Physical Culture, Gesture Action, Study of Attitudes, Poise and Positions, Delsarte Training, and Pantomime; (c) Mental Culture, Analysis of Selections, Training for Will Power, Emotional Appreciation and Imagination.

Anyone wishing to take more advanced work can make special arrangements with the instructor.

For class work in the regular course there is no fee, but for private lessons the rate is as follows:

Per term (24 lessons)	.	.	.	.	.	.	\$12.00
Single Lessons	.	.	.	.	.	.	75

**COMMERCIAL COLLEGE****Faculty\***

ALSTON ELLIS, PH. D., LL. D.,  
*President.*

CHARLES M. COPELAND, B. PED.,  
*Principal and Instructor in Accounting and Commercial Law.*

MABEL K. BROWN, PH. B.,  
*Instructor in Stenography.*

MINNIE FOSTER DEAN,  
*Instructor in Typewriting.*

GEORGE C. PARKS,  
*Instructor in Penmanship.*

Ohio University began, in 1893, to offer courses in commercial studies. The increasing demand for this kind of work justified the establishment and equipment of a separate department in 1899, with a course of study consisting largely of commercial branches and some required work in English and History. This arrangement gave the regular students of the University an opportunity to elect this work as part of their college course, and it is gratifying to note that many have improved the opportunity. These and the special students who had a good preparatory training were greatly benefited and those who desired it have had no trouble in finding employment. But the greater part of the special students with meager preparation were poorly equipped for

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\* The required works in English, Modern Languages, Economics, Mathematics, Science, and History will be taken in the regular University classes.

a successful business career even after they had made a good record in their commercial studies. The result of this experience has been the establishment of the Commercial College of the University with a course of study covering four years of required work, of which two years are preparatory and two collegiate, as outlined elsewhere in this catalogue.

Students in the Commercial College have the same privileges in the University library, reading-room, literary societies, and gymnasium as regular students, and may enter any of the preparatory or collegiate classes without extra charge. Commodious rooms in Ewing Hall have been well equipped for this work. The commission, wholesale and retail offices and the bank, in the office department, are models in arrangement, fixtures, and supplies. Here students receive the training that comes from filling the principal as well as the subordinate positions of such offices. In the bank they pass from the work of collection clerk to that of bookkeeper, teller, and cashier; in the railroad office they are agent and clerk; in the commission office, receiving clerk, shipping clerk, bookkeeper, and manager; in the wholesale office, shipping clerk, bookkeeper, and manager.

**ADMISSION** — Students wishing to take the Commercial Course will receive credit for whatever work they may have done elsewhere, provided they are able to present proper certificates from school authorities, or to pass a satisfactory examination upon entrance. Graduates of high schools having a four-year course will be admitted to the Two-Year Collegiate Commercial Course without condition.

**DIPLOMAS AND COLLEGE CREDIT** — Diplomas will be granted to those who complete the full Commercial Course. Students in other departments of the University may elect commercial studies and receive credit to apply on their regular courses. Students who have completed the Commercial Course will be granted a degree upon their completion of the additional work leading to that degree.

**SPECIAL STUDENTS IN ACCOUNTING AND STENOGRAPHY** — Persons wishing to take only Bookkeeping and Stenography will be admitted as special students. Certificates showing the nature of the work done and signed by the President of the

University and Principal of the Department, will be issued to students who complete three terms of Accounting or Stenography and have credit for the English, History, and Civics required in the first preparatory year. A passing grade in Penmanship will be required of those who receive the certificate for Accounting.

**FEES** — All students pay a registration fee of \$5.00 per term. Besides this, there is an extra fee of \$5.00 per term, for Stenography. The fee for Typewriting alone is \$2.00 per term. The fee for the diploma is \$5.00, and for a certificate, \$1.00.

**POSITIONS** — The University does not guarantee positions to graduates in any of the courses. However, only a small number of those who make a good record in work and conduct have trouble in finding desirable employment. The management of the Commercial College has always taken much interest in recommending students to places which they can fill, and no school in the country can show a larger percentage of its graduates at profitable employment. On account of the limited scholarship required in the average commercial school, its product is not in favor with progressive business men. A general culture as well as a knowledge of commercial branches is demanded of those who seek important positions. Such a course as the one outlined in this catalogue will meet the approval of those who are looking for competent help, and the young man or woman of good character who completes it will be in demand.

**COMMERCIAL TEACHERS** — High schools of all grades are organizing commercial courses. This creates a demand for competent teachers of commercial branches. The competition for these places is not strong, for many of those who are acquainted with the subjects to be taught are not eligible to high school positions on account of limited education or a lack of experience in teaching. Teachers who have had successful experience would do well to consider the commercial course of this College, with a view to high-school work. While pursuing this course they would have an excellent opportunity to study Methods in Teaching in the classes of the State Normal College of the University.

**Description of Work**

Those studies in the Commercial Course which are not described below are outlined under the head of the department to which they belong.

**ACCOUNTING** — Five hours per week for two terms. Beginning classes are formed each term. Ample practice is given in the system of accounts used in the various kinds of business from retailing to modern banking. It is the aim of this course to give the student a wide acquaintance with business methods and to secure proficiency in opening and closing books, journalizing, rendering statements, tracing errors, analyzing accounts, and drawing business papers. This course prepares teachers to teach Bookkeeping in high schools.

**OFFICE PRACTICE AND BANKING** — Five hours per week for one term and open to students who have taken Theory of Accounts. This work is on the inter-collegiate communication plan, and the transactions are with students of other colleges. The business correspondence growing out of purchases, sales, remittances, collections, making settlements, and adjusting accounts, carried on with a number of advanced students in other cities, each one anxious to maintain a good record for his school, must certainly develop a high grade of efficiency in all the student's work.

**COMMERCIAL LAW** — Three hours per week in the Winter and Spring terms. This work deals in a general way with the subjects of contracts, agency, partnership, corporations, sales and negotiable paper, and is intended to give students a practical acquaintance with the fundamental principles of each. Considerable time will be spent in studying actual cases and in drawing business papers.

**CORPORATION ACCOUNTING** — Three hours per week in the Fall term and open to students who have had the required work in Theory and Accounts. This is a course in the organization, management, financing, and accounting of corporations.

**STENOGRAPHY** — In the business world there is an ever increasing demand for competent stenographers. It is the aim of this department to train young people to meet this

demand. The course covers ten months, or three terms, with five recitations per week. Students of ability and industry are fitted to take a position at the close of the second term.

The first five months are spent in acquiring a knowledge of the elementary principles of the subject. From the sixth week the student takes dictation for a period a day from the phonograph. This practice continues through all the course, the matter dictated becoming more difficult as the student advances. In the middle of the second term the student is ready to take dictation of new matter. The course begins with simple commercial letters, followed by those more difficult, and then business and legal forms, including contracts, conveyances, wills, and court pleadings. All the notes are transcribed on the typewriter. Thoroughness is emphasized in all the instruction, and the student's work is not accepted until it comes up to the standard in neatness, accuracy, and form.

Students whose knowledge of English is not sufficient to enable them to make intelligent transcripts of their notes are expected to remove the deficiency by entering the classes of the Department of English which are open to all students of stenography without extra charge.

Beginning classes are formed every term.

**TYPEWRITING**—The student's first efforts are directed to acquiring a command of the keyboard by the touch method. This is followed by extensive practice in copying correct business papers, neatness and accuracy being insisted upon from the beginning. Dictation drills leading to high speed in writing are given both by voice and phonograph. Throughout the entire course of ten months daily supervision is given each student's work. All kinds of commercial and legal forms are studied, and each student is given thorough training in general office practice; such as, the use of the letterpress and carbon for record and for duplicating, the use of carbon and the mimeograph for manifolding, and the operation of the tabulator for billing and condensed charging. The typewriter room is amply supplied with new standard machines and tabulators and is equipped with mimeograph,

letterpress, phonograph, and all modern, up-to-date office appliances pertaining to this work.

During the second and third terms a systematic study is made of Punctuation, for which a credit of two hours per week is given.

Beginning classes are formed each term.

**PENMANSHIP**— Students in the Commercial course who do not write a good hand are required to take regular instruction. The constant aim in all exercises is to develop plain writing with an easy, rapid movement. Ornamental work will be given to advanced students who desire it.

### COMMERCIAL COURSE

#### Preparatory

<b>First Year</b>		<b>Second Year</b>	
FIRST TERM		FIRST TERM	
Elementary Rhetoric,	(5)	Elementary Physics,	(5)
Physical Geography,	(5)	English Literature,	(5)
U. S. History,	(5)	Ancient History,	(5)
Beginning Algebra,	(5)	Psychology,	(5)
Drawing,	(1)		
SECOND TERM		SECOND TERM	
American Literature,	(5)	Elementary Physics,	(5)
U. S. History,	(3)	English Literature,	(5)
Algebra,	(5)	Mediæval History,	(5)
Elementary Physiology,	(5)	Commercial Geography,	(5)
Drawing	(1)		
THIRD TERM		THIRD TERM	
American Literature,	(5)	Advanced Rhetoric,	(5)
Civil Government,	(5)	Plane Geometry,	(5)
Algebra,	(5)	Modern History,	(5)
Botany,	(5)	Commercial Arithmetic,	(5)
Drawing,	(1)		

**COMMERCIAL COURSE—Concluded****Collegiate****First Year****Second Year****FIRST TERM****FIRST TERM**

Accounting,	(5)	Corporation Account'g,	(3)
Freshman English,	(3)	A Modern Language,	(4)
Freshman U. S. Hist.,	(4)	Political Economy,	(2)
A Modern Language,	(5)	Stenography,	(5)
Penmanship,		Typewriting,	

**SECOND TERM****SECOND TERM**

Advanced Accounting,	(5)	Commercial Law,	(3)
Freshman English,	(3)	A Modern Language,	(4)
Freshman U. S. Hist.,	(4)	Political Economy,	(2)
A Modern Language,	(5)	Stenography,	(5)
Penmanship,		Typewriting,	(2)

**THIRD TERM****THIRD TERM**

Office Practice,	(5)	Commercial Law,	(3)
Freshman English,	(3)	A Modern Language,	(4)
Freshman U. S. Hist.,	(4)	Money and Banking,	(3)
A Modern Language,	(4)	Stenography,	(5)
Penmanship,		Typewriting,	(2)

Substitutions in the above course may be made upon the consent of the Faculty.

**COLLEGE OF MUSIC****Faculty**

ALSTON ELLIS, PH. D., LL. D.,  
*President.*

PROFESSOR JAMES PRYOR McVEY, DIRECTOR,  
*Voice, Piano, and Organ.*

MARGARET EDITH JONES,  
*Piano and Harmony.*

NELLIE H. VAN VORHES,  
*Piano and Virgil Clavier.*

CLARA BANCROFT,  
*Voice.*

MINNIE L. CUCKLER,  
*Piano and Pipe Organ.*

JOHN N. HIZEY,  
*Violin.*

This being a College of the University, its students are given the opportunity to acquire a liberal education, which is necessary for a complete rounding of a musical course. Too much stress cannot be laid upon this peculiar advantage—to the college student, that of the culture and refined taste which must come of the association with a school of music, its recitals, concerts, lectures, etc.,—to the student of music that of the intimate connection with a great seat of learning, having its libraries, laboratories, and lectures, its learned men, and its classic traditions.

**COURSES OF STUDY****Elementary Work**

Children should have instruction as early as possible, that they may cultivate the talent with which they are naturally endowed. This instruction should be the best, since without a good foundation no artistic excellence is possible. Even in the elementary department the pupils appear early in recitals, thus acquiring ease and precision.

**Preparatory Work**

Technique is carefully studied. Care is taken to correct previous habits acquired from poor teaching. Taste and style are cultivated and the student is taught to grasp intelligently the composition and ideal of the composer.

**Normal and Artist Department**

For those who expect to teach and those who expect to do concert or other professional work, the opportunities offered are excellent. Students of this College of Music have already gone into the different professional fields and have met with success born only of faithful study and excellent training. Special illustrated lectures on the art of teaching will be given and students from the different departments will be chosen to appear before the normal classes.

The sight-singing and choral classes will give helpful training to those who expect to take up choir work or to teach music in the public schools. The frequent students' recitals and concerts, the oratorio or opera given by the College, will afford ample opportunity for those who expect to become professional artists.

**Course in Piano**

GRADE 1—Theory of technique, simple exercises; little studies of Kohler, Gurlitt, Czerny, Loeschorn; elementary pieces by Clementi, Mozart, Gurlitt, and others.

GRADE 2—Czerny's School of Velocity, studies by Du-

vernay, Heller, Loeschorn; sonatinas of Mozart, Clementi, Kuhlau; pieces of Reinecke, Gurlitt, Heller, and Schumann.

GRADE 3—Loeschorn Studies, op. 67; Czerny School of Velocity; Bach's Inventions (two-voice); Trill Studies of Krause; Octave Studies by Jean Vogt or Kullak; Easier Studies of Cramer; Sonatas of Haydn, Mozart, Beethoven; pieces by Lack, Godard, Chaminade.

GRADE 4—Studies by Cramer; Octave Studies of Wolff; Daily Studies, Czerny; Bach Inventions (three-voice); Sonatas, Mozart, Dussek, Beethoven; Selections from Mendelssohn, Chopin, Schubert, Schumann, Raff, Scharwenka, Godard, Chaminade, Leschetizky, Tchaikowsky, and others.

GRADE 5—Clementi's Gradus ad Parnassum, Tausig's daily exercises, Mason's Touch and Technic, Bach's Well-tempered Clavichord, Chopin Studies, Henselt Studies, Sonatas of Beethoven; Liszt's Rhapsodies; Composition of Mendelssohn, Moscheles, Chopin, Rubinstein, Raff, and others.

### Course in Vocal Culture

Individual voices differ so widely in their needs that this course can be indicated only in a general way.

GRADE 1—Lessons in breathing, voice placing, intervals, exercises for blending registers, tone-production (continued throughout the course as needed); Studies by Concone, Vaccari, and others; easy songs by American, English, and German composers.

GRADE 2—Intervals with portamento, scales, arpeggio, solfeggio; Studies of Concone, Marchesi, English, Ballads, Mendelssohn's Songs, Sacred Songs.

GRADE 3—Scales, arpeggio, turns and trills in more rapid tempo, vocalises of Concone, Marchesi, English, German, French, and Italian songs; more difficult church music.

GRADE 4—Major and minor scales, chromatic scales, Concone's Fifteen Vocalises, recitative and aria, German, French and Italian Opera, easier oratorio arias; more difficult songs of Schubert, Schumann, Grieg, Jensen, Liszt, Lassen, Brahms, and others.

GRADE 5—Bravura and Coloratura singing; difficult concert songs; complete opera and oratorio with traditional ren-

dering; special study of Creation, Redemption, Elijah, Messiah, and the Passion music of Bach.

Students of voice expecting certificates must know enough of piano to play simple accompaniments.

### Pipe Organ Course

Students of organ must have had at least one year's work in piano.

GRADE 1—Stainer's Organ Primer, Merkel's Organ School, Rink's Second Book; Hymn Playing, Transposition; Theory.

GRADE 2—Dudley Buck's Studies in pedal Phrasing, Rink's Third Book; easier church anthems, accompaniments; Harmony.

GRADE 3—Lemmon Organ School, Part 1, Rink's Fourth Book; pieces by Batiste, Wely, Widor, West, Guilmant, and others; Counterpoint.

GRADE 4—Rink's Fourth Book, Mendelssohn's organ sonatas, Bach's Fugues; accompaniments and Masses, oratorios, etc.; Counterpoint, Canon, and Fugue.

### Course in Violin

GRADE 1—Hermann Method—Book 1, Kayser—thirty-six progressive studies Op. 20, (Nos. 1 to 18), Easy Pieces by Dancla, Papani, Bohm, Hermann, etc.

GRADE 2—Hermann Method—Book 2, Schradieck—Finger Exercises, Kayser—thirty-six progressive studies Op. 20 (Nos. 19 to 36), Mazas Etudes Op. 36. Selected pieces for violin and piano.

GRADE 3—Schradeick—Scales, Kreutzer—Etudes, Florillo—Etudes, Concertos by Rhode, De Beriot, Solos by Alard, Rode, etc.

GRADE 4—Schradeick—Chord studies and double stops, Rode—twenty-four Caprices, Alard—twenty-four Caprices Op. 11, Concertos and solos by Rhode, Viotti, De Beriot, etc.

GRADE 5—Bach's Sonatas for violin solo, Schradieck—twenty-four studies Op. 1. Dont Gradus ad Parnassum Etudes et Caprices Op. 15, Solos by Wieniawski, Vieuxtemps, etc.

### **Harmony and Composition**

The completion of this course is required of all who expect a certificate in piano, voice, or violin. Text-books will be at teacher's discretion.

**GRADE 1**—Intervals, definitions, scales, chords in all keys, formation of the chord of the Seventh, resolution of the dominant seventh in all keys, harmonizing given basses, writing from sound, diminished sevenths, resolutions, augmented chords.

**GRADE 2**—Modulation, suspensions, writing from sound continued, open harmony, passing notes.

**GRADE 3**—Harmonizing melodies, practical harmony, improvisation, single and double chants.

**GRADE 4**—Chorals, harmonizing a given soprano, alto, tenor, and bass. Harmony in more than four parts.

A choral club meets once a week for the study of oratorio and opera.

A class in sight-singing meets daily.

Student's recitals are given every two weeks, all the students in turn appearing, at the discretion of the teachers.

Examinations are held at the beginning of each term for admission to the college orchestra.

### **Languages**

No vocalist is properly prepared for his work who is not able to sing in German and French as well as in English. In this particular the advantages of this school are superior to those of any similar school of music, the University course in these tongues being open to all. Instruction is given also in the pronunciation of Spanish, Hebrew (for synagogue singing), Latin (for Catholic church music), and Italian.

### **Band and Orchestra Instruments**

Instruction can be had in cornet, clarionet, mandolin, guitar, etc., if desired.

**Expenses, Including Registration Fee**

Piano Lessons (two per week)	elementary grades.....	\$12 00
Piano " "	advanced grades.....	15 00
Piano " "	.....	15 00
Violin " "	.....	15 00
Organ " "	.....	15 00
Rent of piano one hour a day.....		2 00
Vocal sight-reading, daily .....		1 00
Concerts .....		50

Students of the College of Music who have paid the regular registration fee of \$5.00 are entitled to pursue other regular college work without paying additional fees.

Every student is under the rules of the University and can profit by its advantages.

THE STATE NORMAL COLLEGE  
OF  
OHIO UNIVERSITY

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FACULTY\*

ALSTON ELLIS, PH. D., LL. D.,  
*President.*

HENRY G. WILLIAMS, A. M.,  
*Dean of the Normal College, and Professor of  
School Administration.*

FREDERICK TREUDLEY, A. M.,  
*Professor of Philosophy and Sociology.*

OSCAR CHRISMAN, A. M., PH. D.,  
*Professor of Paidology and Psychology.*

FRANK P. BACHMAN, A. B., PH. D.,  
*Professor of the History and Principles of Education.*

EDSON M. MILLS, A. M., PH. M.,  
*Professor of Mathematics.*

HIRAM ROY WILSON, A. M.,  
*Professor of English.*

MARY ELLEN MOORE, A. B.,  
*Instructor in Latin.*

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\* The instructors named above teach principally in Normal-College classes. Members of the University Faculty have work, in the Normal College, of a nature indicated by the University Departments with which they are connected.

EMMA S. WAITE,  
*Principal of Model School.*

CORNELIA I. GASKILL,  
*Instructor in Drawing and Hand-Work.*

MABEL B. SWEET,  
*Instructor in Public-School Music.*

LILLIE A. FARIS, AMY M. WEIHR, PH. M., B. PED.,  
OLIVE A. WILSON, AND MARGARET A. DAVIS,  
*Critic Teachers.*

### **TRAINING FOR TEACHING AT OHIO UNIVERSITY**

For twenty-one years, the Ohio University has made provision for the training of teachers in its Normal Department. This owes its existence to legislation, May 11, 1886, whereby the sum of \$5,000 was appropriated for its establishment. The appropriation was accepted by the Board of Trustees and made effective through the efforts of its committee, the chairman of which was Dr. John Hancock, since deceased. This committee placed Dr. John P. Gordy at the head of the new department and its special work was entered upon in September of the same year. Two courses of study were offered, an "*Elementary*" and an "*Advanced*," and the latter was made equal to and parallel with the other college courses then existing.

At the regular session of the 75th General Assembly of Ohio, H. B. No. 369—Mr. Seese—became a law.

The State Normal College of Ohio University owes its existence to a provision of this Act. Section 2, of said Act, requires the University Board to organize "a normal school which shall be co-ordinate with existing courses of instruction, and shall be maintained in such a state of efficiency as to provide proper theoretical and practical training for all students desiring to prepare themselves for the work of teaching."

Section 4, of an Act of the Legislature dated April 16, 1906, creates a special fund for the support of "the State Normal School or College in connection with the Ohio University." This fund is derived from a mill tax of one and one-half one-hundredths (.015) of one mill upon each dollar of all the taxable property in Ohio. The annual income thus derived amounts to about \$33,000.

The law of 1902 explicitly states that the school shall be established for the training of "*all* students desiring to prepare themselves for the work of teaching." This is surely comprehensive enough to permit the carrying on of all grades and kinds of normal-school work. In fact the language used is mandatory and contemplates the founding of a school in which the graduates of the common school, the high school, and the college shall have opportunity for "theoretical and practical training" for the work of teaching. At present, in Ohio, there are twelve times as many teachers employed in elementary schools as in high schools. Important as is the work of the high-school teacher, that of the elementary or primary teacher is, admittedly, more so. The latter work is fundamental, and upon its character depend in large measure the breadth, depth, and ultimate value of much of the work of the secondary school. Then, too, it must be kept in mind that by far the greater number of those enjoying public-school advantages never, as pupils, see the inside of a high school. These considerations suggest that normal-school work should, first of all, be planned to meet the wants of those preparing for service in the elementary schools. The higher grades of academic and professional training will follow, in any right-ordered, well-rounded scheme of normal-school organization, as a matter of course.

### **THE FUNCTION OF THE NORMAL SCHOOL**

In a general way it may be stated that the function of a normal school is to train persons for the work of teaching. If teaching is to become a profession in the true sense, those who except to follow it must receive special training. By professional training we mean a special training beyond mere scholarship in language, art, mathematics, science, history,

etc., including special preparation and training in those lines of thought and action which have to do particularly with the teaching process. This preparation should include a broad scholastic training as a foundation upon which should be built the superstructure of special knowledge. No amount of knowledge of pedagogy will take the place of a broad culture in literature, history, science, mathematics, and other generally recognized college subjects, but this knowledge of pedagogy and related professional subjects is very essential in the equipment of a man or woman trained for the school-room.

Persons who expect to enter the profession of law, ministry, medicine, or dentistry, are first required to obtain a somewhat broad scholastic training upon which is built a professional knowledge looking to the particular profession they desire to enter. It is this special training that furnishes the equipment that makes a man a physician rather than a lawyer. In three of the professions named the state not only protects those who wish to enter the profession, but also protects the people served by the members of that profession by making statutory requirements of those who seek admission to it. Surely the work of teaching should require as much special training as that of any of the other callings named. Before a man is permitted to extract your teeth he is required to produce evidence of professional fitness, and that evidence must have state recognition. It is not so with those who pretend to teach. Not even high-school graduation is required by the laws of this state. There is absolutely no restriction as to scholarship, age, or special fitness, except as found in the judgment of the county or city examiner. Why should the training of the common school or the high school bring a person nearer the threshold of one profession than that of another? If teaching is ever to become a profession the need of this special training must be recognized. Teaching is such a difficult, complex, and ever-changing process that more skill is required to teach a growing child as he should be taught, than to try a case before the bar of justice. To unfold the possibilities of a child's soul is a more delicate matter than the compounding

of medicines or the use of the surgeon's knife. To unfold the senses, train the intellect, and direct the will of the child require more discipline of mind and a greater breadth of view than to preach a sermon.

Approximately 26,000 teachers are necessary to supply the public schools of Ohio, 24,000 of whom are required for the elementary schools—that is, the grades below the high school in the towns and cities and the ungraded schools of township and village districts. It has been somewhat carefully estimated that about 6,000 of these teachers are new in the work each year. This means that an equal number of teachers leave the work of teaching each year. Various causes may be given for this constant changing in the personnel of the great body of teachers. Who are these 6,000 young, inexperienced teachers admitted to the school rooms of Ohio each year, armed with the protection which a teacher's certificate affords? They are usually earnest, wide-awake young men and women (or boys and girls) who are anxious to do their best—to teach according to the best models they have had presented to them. Very few are college or normal-school graduates. Not many are graduates of high-schools. These new teachers are usually young people, who by their own efforts, unaided or misguided, have obtained enough technical knowledge to enable them to pass a teacher's examination, but who have formed no adequate conception of the duties and responsibilities of the teacher; young people who are entirely ignorant of the great body of fundamental knowledge underlying the science and art of teaching.

Although high schools are multiplying rapidly and are growing more and more efficient year by year, yet many of these young people have never had the opportunity of high-school training. Besides, a knowledge of high-school subjects is not required of the applicant who seeks admission to the examination for teacher's certificate. Therefore, high-school graduation can not wisely be made the standard of admission to our State Normal Schools so long as the laws governing the certification of teachers remain as they are at present. The state can not wisely close her doors against these young

people who seek admission to the profession, nor against that large body of teachers already enrolled in the work who have educational qualifications but little higher than the graduate of the common schools. Better training must be provided for them. The law establishing these State Normal Schools says that they shall "provide theoretical and practical training for *all* students desiring to prepare themselves for the work of teaching." The needs of the class referred to as graduates of the common schools or as those having only equivalent education, are carefully met by the course of study beginning at the point of graduation from the common schools. In this connection we desire to call attention to the five-year course in Elementary Education, found elsewhere in this catalogue. Attention is also called to the fact that persons holding a teacher's certificate may complete this course in four years or less. Teachers of much experience may enter the two-year course and be conditioned on preparatory work.

Much has been said and written concerning the relative strength of normal-trained and college-trained teachers. It must be admitted that a person who has learned how to do a thing can do it better than one who has not learned how. The scientific purpose of the normal school is to teach persons how to teach, but such knowledge must presuppose a knowledge of what to teach. The teacher who is to be capable of the best service should have both scholastic and professional training. It must not be forgotten that normal training is not necessarily all professional, so called. The school that can combine these two essentials in the teacher's preparation should certainly be sought. In the Normal College of Ohio University this happy combination is found. Each of the courses offers a collegiate training in academic and culture studies in addition to the training along distinctively professional lines. All studies in the several courses in the College of Liberal Arts are open to students of the Normal College. To be admitted to any of the regular courses in the Normal College a student must have made a preparation equal to that required for admission to any other regular college course. No one need fear that the instruction in the State Normal College will be in any sense inferior to

the best instruction given in the University, as Normal College students are taught in the same classes by the same professors, and have access to all the privileges of the University.

But there are now engaged in the schools in Ohio thousands of worthy teachers who could not measure up to the ideal standard of college admission. They will give the schools more years of service than many of those who spend years in preparation. If, therefore, the purpose of the normal schools in Ohio is to provide better teaching for the children in the public schools of the State and thus give back to the people something in return for their support of the normal schools, should not the normal schools open their door to these teachers? Such teachers are encouraged to attend the State Normal College of Ohio University where they will be carefully guided in the selection of such studies as will make them more efficient. Our duty in this matter is plain.

The attention of prospective students is invited to the several courses of study, in the State Normal College, found elsewhere in this catalogue. These courses have been prepared with much care and represent the results of a careful study of the courses in operation in all the leading normal schools in this country, together with the ripest wisdom and best judgment of those who have given many years to a study of the training of teachers. The experiences of other states have been of service in mapping out such courses of study as will best fit the local conditions, as regards the needs of the great mass of the teachers, existing in Ohio.

**COURSES OF STUDY**—The five-year course in Elementary Education is designed for those who have less education than that obtainable in a high school of the first grade, under statutory classification. Students are admitted to that year or class in this course for which their previous attainments qualify them. Persons who hold any grade of teacher's certificate will be excused from the work in the common branches in the first year of this course.

The two-year course in Elementary Education is designed for those who have graduated from high schools of the first grade or who possess equivalent scholarship. Both

courses in Elementary Education lead to a diploma from the Normal College.

*The four-year courses in Secondary Education are the equals in scholastic requirements of any other courses in the University.*

### THE MODEL SCHOOL

One of the most essential and fruitful courses offered by the best State Normal Schools in this country is the course of training in observation and teaching in a well-organized and properly conducted Model School. Such a school should enroll as its pupils all classes and grades offered by the community. Actual conditions must be met by the students who are studying the problems of school administration. They must see and study real and average pupils rather than ideal and select pupils. Their experiences in school management, school discipline, course of study, grading and classification of pupils, and dealings with patrons and school authorities must be such as they may reasonably expect to meet in the discharge of actual school duties.

The Normal College of Ohio University conducts a Model School on just such a plan as above outlined. The Board of Education of Athens set apart a certain portion of the village of Athens as "the University District," and all the children of school age residing in this portion of Athens, and who would otherwise attend the corresponding grades in the public schools, attend the Model School, consisting at present of all primary grades. The work will be extended to other grades as rapidly as conditions will permit. The Model School is in every sense a free public school. Each department, or grade, is taught by a skilled, well-trained teacher. The entire school is under the charge of a Training Teacher who has enjoyed superior advantages and whose training fits her most eminently for this responsible work.

Students of the Normal College are given exceptional opportunities for training in the actual work of teaching. This training in the Model School consists of courses in Observation, in Methods, and in Teaching. The minimum amount of teaching required is one hundred and fifteen hours, except in the case of a teacher of much experience who is able to

demonstrate her ability to teach according to right methods in less time than that.

## **DEPARTMENT OF SCHOOL ADMINISTRATION**

**PROFESSOR WILLIAMS.**

The general aim of this department in the Normal College is to give the student a broad and comprehensive view of the various factors in school administration, to give him a detailed and critical view of the problems of school organization, school management, school discipline, school hygiene, school architecture, the course of study, the classification and grading of pupils, and to lead him to understand school law as it relates to school administration. The courses may be briefly outlined as follows:

### **1. School Administration and School Law**

This is a three-hour course for one term and includes a study (1) of School Organization under the heads of parties to the school organization, a study of existing systems, the function of the public school, the teacher as a factor in organization, etc.; (2) School Law, including a critical study and analysis of the Ohio School Laws and topical study of the relation of school law to the effectiveness of school systems; (3) School Hygiene, including school architecture, school environment, ventilation, lighting, seating, fatigue, contagious disease, defective hearing, and defective vision; (4) School Management and School Discipline, with their various problems. The Ohio School Laws will be made the basis of the work in School Law.

### **2. The Elementary Course of Study**

In this course of three hours for one term the great problem is to know how to shape the school to conform to the child's mental nature, how to adjust the work of the school so as to give the child at all times the amount and kind of work needed at various stages of his development, and how to determine what is of most worth in a course of study. The

aim is to point out great underlying principles determining educational values, to discover the fundamental principles determining the content and order of a course of study, to discover the constant but ever varying relation existing between what the child studies and what he is, to indicate to the teacher the positive and fixed necessity of constant articulation in the subject matter in a course of study. It is also the aim to familiarize the teacher with laws external to the course of study itself, determining what the course shall be, such as the demands of society and the laws of the child's mental development, each indicating certain lines of necessary deflection from the direction which a knowledge of the nature of the subject matter alone would indicate to the teacher. The course also includes a study of the order of subjects, concentration and correlation of subject matter, the daily program of work, the recitation, and a detailed study of the principles involved in the construction of a course of study for a school or a system of schools. In this last study the student is taken over the details of the Elementary Course of Study, and courses in Arithmetic, Language, History, Geography, and Science are written under the direction of the instructor.

The text used as a basis in this work is Dr. Charles McMurry's "*Course of Study for Elementary Schools*."

### 3. Secondary Course of Study

This course will inquire into the principles governing the selection of subjects for the Secondary Course, the order of presentation of these subjects, the purposes of secondary school training, the relation of the secondary school to the elementary school on the one hand and the college and the technical and professional schools on the other. The particular methods of instruction demanded by the secondary school and how these methods must differ from the methods employed in lower and in higher schools, will receive careful study from the pedagogical view-point.

### 4. Supervision and Criticism

This is a three-hour elective, except in the Course for Superintendents and Principals, and is given during the

Spring term and repeated in the Summer term. The purpose is to cover all the leading problems of administration and supervision. For those who are preparing for the work of supervision certainly no course in the Normal College could be more valuable. At least once a week Round Table discussions of the leading problems of supervision will be conducted by members of the Normal College faculty who have had broad experience in practical supervision.

## **DEPARTMENT OF THE HISTORY AND PRINCIPLES OF EDUCATION**

**PROFESSOR BACHMAN.**

The work of the Department is four-fold: to trace in connection with western civilization the development of educational theory and practice, to study existing schools and school systems, to formulate upon the basis of past experience, present thought, individual and national needs those general principles which should control the work of the public school, and to apply these results to methods of teaching the subjects of the common school.

### **History of Education**

The work in the History of Education is differentiated so as to meet the needs of teachers in the different grades of public-school work. It consists of the History of Elementary Education, History of Secondary Education, and a course combining both the History of Elementary and Secondary Education. The method of study of any given period consists, first, of a general review of the determining factors in the civilization of the period; second, of a consideration of the educational theorists; third, of a study of the educational practice of the period as seen in the aim of education, school system, grade of instruction, curriculum methods, teachers, discipline and school organization; fourth, of a discussion of the permanent phases in the educational work of the period.

1. **THE HISTORY OF ELEMENTARY EDUCATION** is designed for elementary teachers and is required in the "Course in

Elementary Education." It consists of one term's work in the Spring term of the fifth year. The chief emphasis of the course will be placed upon the "History of Modern Education." This will be studied with special reference to the development of the elementary educational theory and the development of elementary schools in Germany, France, England, and the United States.

2. THE HISTORY OF SECONDARY EDUCATION is especially adapted to the needs of secondary teachers, and is required in the "Course in Secondary Education." It includes work in the Fall and Winter terms of the Senior year. This course is open to Juniors as an elective. A rapid survey will be taken of Grecian, Roman, and Mediæval Education. The "Modern History of Education" will be studied with special reference to the development of the theory of secondary education, and the development of secondary schools in Germany, France, England, and the United States.

3. THE HISTORY OF ELEMENTARY AND SECONDARY EDUCATION is designed for the needs of principals and superintendents. It is required in the "Course in Supervision," and comprises three terms' work in the Senior year. The time of the course will be about equally divided between Ancient and Mediæval, Modern European and the History of Education in the United States, and the development of both elementary and secondary educational theory and practice will be traced.

#### School Systems

One term is devoted to the study of Foreign and Domestic School Systems and is required in the Senior year of the "Course in Supervision." It is offered as an elective to Seniors. Of foreign countries, the systems of Germany, France, and England will be considered. A study will be made of the central and local organizations, of the different grades of schools, the relationship of these schools, their respective aims, organization, curriculum, methods, discipline, and teachers. A similar plan will be followed in studying the School Systems of the United States. The instruction will be centered, however, upon the work of the general gov-

ernment and upon the systems of Massachusetts, California, and Ohio. Much attention will be given to Ohio, and comparison will be made between the system of Ohio and that of other states and foreign countries.

### Principles of Education

1. ELEMENTARY PEDAGOGY — This course aims to meet the needs of those wishing to prepare for the County Examination for the first time. A simple presentation will be made of those portions of the subject which will be of the greatest usefulness to those desiring such a course. This course forms no part of the systematic work in education; it is designed alone for those whose time is exceedingly limited. Students who expect to remain in school are earnestly advised not to take it.

2. INTRODUCTION TO THE PRINCIPLES OF EDUCATION — This work covers two terms and is required of all students in the "Course in Elementary Education." The object of the course is to serve as an introduction to the general principles underlying the work of the elementary school. It serves as a basis of all the more advanced work in Methods, School Management, etc., and should be taken before these. An introductory study will be made of practically the same problems as are considered in the principles of Education. See 3 below.

3. THE PRINCIPLES OF EDUCATION — Two terms are given to this work, and it is required of all Normal College students except those in the "Course in Elementary Education." The work may be taken by the students of the University as Junior elective. It consists of a consideration of the following topics: (1) The Determination of the Aim of Education; (a) The Individualistic Character of Society; (b) The Social Character of the Individual; (c) The Individual as a Voluntary, intellectual Organism; (d) The Meaning and Aim of Education; (2) The Determination of the Curriculum; (a) The Demands of Society; (b) The Demands of the Community; (c) The Demands of the Child; (3) The Determination of Instruction; (a) Adaptation; (b) Induc-

tion; (c) Deduction; (d) The Method of the Recitation; (4) The Determination of School Organization; (a) The Aim of Education; (b) Instruction; (c) The Child.

4. COMPARATIVE STUDY AND THEORY OF SECONDARY EDUCATION — This course comprises a term's work in the Spring term of the Junior year, and is required of students in the "Course in Secondary Education"; it is also offered as a Junior elective. The course purposes to make a comparative study of typical American secondary schools, of the English public schools, of the Prussian Gymnasium, and of the French Lycée, and to apply the Principles of Education to the work of the secondary school. The following problems will be considered: The Relation of High School to the Elementary School, The Relation of the High School to the College and to Practical Life, The Aim of High School, Curriculum, Electives, Methods of Instruction, Teachers and Organization.

### Methods

The work in Methods includes the application of the principles of education to the teaching of the various subjects of the curriculum. It involves: (1) a consideration of the nature and character of the materials of a given subject and of the larger conceptions and principles that dominate its organization and constitute its essential worth as a school subject, (2) the determination of the aim of instruction in the given subject, (3) the selection and arrangement of the materials, and (4) the development of methods of presentation in the different grades and under normal conditions.

Methods in secondary school subjects are given by the heads of the different college departments, while primary methods are given by Miss Emma S. Waite, Principal of the Training School. Methods as far as given by this Department are confined to the subjects of the elementary school and to the work above and including the Fourth grade. Courses are given in the following subjects: Reading and Literature, Geography, Mathematics, History, and Elementary School Science. This work is distributed over three terms and is required of all students in the "Course in Elementary Education."

**PAIDOLOGY AND PSYCHOLOGY****PROFESSOR CHRISMAN.**

The purpose of the work in Paidology, the science of the child, is to give a knowledge of child nature. It is intended to give students what has been learned about children, to fix in them the habit of observation and study of children, and to help them to an understanding of child life under the various conditions in which it is found.

The purpose of the work in Psychology is to give a knowledge of mind action in its various conditions. It is purposed to acquaint students with such facts of mind as have been gained through various sources, to help them to a better understanding of their own mental activities, and to give them power to apply this knowledge.

In both Paidology and Psychology laboratory facilities are afforded whereby much of the work is carried on experimentally, so that not only is there opportunity given for learning the subject-matter but also for applying the work so as to give further power that will greatly aid in mental growth. In the courses in which laboratory work is done, there is a fee of fifty cents per term.

The details of the work of this Department are given herewith. All the courses give full college credit and, where not required, can be elected by students in any of the colleges of the University.

**WORK BY TERMS****Fall Term**

**ELEMENTARY PSYCHOLOGY** — Freshman, five hours, required in the Courses in Elementary Education and in the Commercial Course.

**PAIDOLOGY (CHILDHOOD)** — Sophomore, four hours, required in the Courses in Elementary Education.

**EXPERIMENTAL PSYCHOLOGY** — Junior, four hours, required in the courses leading to the degrees of A. B., B. S., and B. Ph.

PAIDOLOGY (ADOLESCENCE) — Junior, three hours, required in the courses leading to the degree of B. Ped.

PHYSIOLOGICAL PSYCHOLOGY — Senior, three hours, elective.

PAIDOLOGY (PRENATALITY) — Senior, three hours, elective.

#### Winter Term

INTRODUCTORY PSYCHOLOGY — Sophomore, four hours, required in the courses leading to the degree of B. Ped.

PAIDOLOGY (BOYGIRLHOOD) — Sophomore, four hours, required in the Courses in Elementary Education.

EXPERIMENTAL PSYCHOLOGY — Junior, four hours, required in the courses leading to the degrees of A. B., B. S., and B. Ph.

PAIDOLOGY (UNCIVILIZED CHILD) — Junior, three hours, required in the courses leading to the degree of B. Ped.

PATHOLOGICAL PSYCHOLOGY — Senior, three hours, elective.

PAIDOLOGY (INFANCY) — Senior, three hours, elective.

#### Spring Term

EDUCATIONAL PSYCHOLOGY — Sophomore, three hours, required in the courses in Elementary Education and in the courses leading to the degree of B. Ped.

PAIDOLOGY (ABNORMAL CHILD) — Junior, three hours, required in the courses leading to the degree of B. Ped.

PAIDOMETRY — Senior, three hours, required in the courses leading to the degree of B. Ped.

EXPERIMENTAL PSYCHOLOGY — Junior, three hours, elective.

GENETIC PSYCHOLOGY — Senior, three hours, elective.

#### COURSES

1. ELEMENTARY PSYCHOLOGY — Freshman required, Fall term, five hours. The aim of this course is to give an outline of the subject in order to acquaint the student with phenomena and laws of mental life and to train him in simple experimentation. The text-books used will be Titch-

ener's *Primer of Psychology* and Calkins's *Introduction to Psychology*, with references to other texts.

2. PAIDOLOGY — Sophomore required, Fall and Winter terms, four hours. During the Fall term the period of childhood is taken up. The general characteristics of this period, growth, disease, the senses, mental and physical development, etc., are studied. In the Winter term this work is continued in a study of boygirlhood, in which attention is directed to the remarkable growth and the changes that take place and to the conditions, characteristics, etc., of this period of life. During these two terms observations and studies of children are carried on in the field and in the laboratory. Among the magazines referred to in this course are the *Pedagogical Seminary*, *Studies in Education*, and the *Paidologist*; among the books are Oppenheim's *Development of the Child*, Thorndike's *Notes on Child Study*, Chamberlain's *The Child*, Kirkpatrick's *Fundamentals of Child Study*, and Warner's *Study of Children*.

3. INTRODUCTORY PSYCHOLOGY — Sophomore required, Winter term, four hours. This is to introduce the subject of Psychology, to give an understanding of mental processes and their connection with the physical nature, and to discuss some of the phenomena of the different phases of mental activity. In connection with this will be laboratory work. The texts used will be Angell's *Psychology* and James's *Psychology* (Briefer Course) with references to others.

4. PAIDOLOGY — Junior required, Fall term three hours. This term's work covers the period of Adolescence. It is intended to give a knowledge of this so important time in the life of the young, taking up the characteristics of this period, the growth and changes coming now, with the mental and moral conditions that occur. Among the magazines used are the *Pedagogical Seminary* and the *Journal of Adolescence* and among the books are Hall's *Adolescence* and Ellis's *Man and Woman*.

5. EDUCATIONAL PSYCHOLOGY — Sophomore required, Spring term, three hours. This course is designed to take up the problems in education from the psychological standpoint and work at them through references in texts on edu-

cational and general phychology and by studies in the laboratory. Among the books consulted will be Thorndike's *Educational Psychology*, Judd's *Genetic Psychology for Teachers*, and James's *Talks to Teachers*.

6. PAIDOLOGY—Junior required, Winter and Spring terms, three hours. These terms are given over to the consideration of different types of child life. Alternating courses are offered for the Winter term—in one year will come work upon the Uncivilized Child, the child as found among uncivilized and semi-civilized peoples, and in another year will be studied the Historical Child, the child as found among the nations of ancient times, in medieval Europe, and earlier United States. In the Spring term the work will be upon the Abnormal Child, embracing defective children, delinquent children, dependent children, wildlings, and exceptional children. Some of the works used will be Wade's *Deaf-Blind*, Folks's *Care of Destitute, Neglected, and Delinquent Children*, Morrison's *Juvenile Offenders*, Riis's *Children of the Poor*, Ireland's *Mental Affections of Children*, The Smithsonian Reports, Bancroft's *Native Races of the Pacific States*, Guhl and Koner's *Life of the Greeks and Romans*, Gray's *Children's Crusades*, and Earle's *Child Life in Colonial Days*.

7. EXPERIMENTAL PSYCHOLOGY—Junior, throughout the year, four hours, Fall and Winter terms required, Spring term elective. A study will be made of the subject-matter of experimental psychology, together with demonstration of apparatus and methods of investigation, so as to familiarize students with this work; also the students will perform a series of experiments selected to furnish them practice in the use of apparatus, to acquaint them with the methods of experimental psychology, and to give them power to formulate results of experimentation. The texts used will be Titchener's *Experimental Psychology*, and Sanford's *Experimental Psychology*, with references to other works on psychology.

8. PAIDOLOGY—Senior elective, Fall and Winter terms, three hours. In this will be taken up the beginnings of human life, continued through infancy. The work of the Fall term is Prenatality, which includes the time before birth. This period will be studied to ascertain what are the conditions of life at this time, what effects are produced here, the neces-

sary care to be given, the problems of heredity and environment, and other matters connected with this period of life, which are of such vital importance to the whole future life of the child. In the Winter term, Infancy is considered. The beginnings of language, volition, motor ability, etc., are studied, and also the care and attention needed by the infant as a basis for future growth. In this course will be consulted such books as those of Hertwig and Minot and Schafer on embryology, Rotch and Keating and Griffith on health and disease, and Preyer and Shinn and Oppenheim on growth and development.

9. PHYSIOLOGICAL PSYCHOLOGY — Senior, elective, Fall term, three hours. In this course will be considered the problem and survey of physiological psychology, the nervous mechanism underlying mental processes, the relation of the nervous system to the mental life, and the nature of mind as shown from these studies. The works specially consulted in this course will be Wundt's *Principles of Physiological Psychology* and Ladd's *Elements of Physiological Psychology*.

10. PATHOLOGICAL PSYCHOLOGY — Senior, elective, Winter term, three hours. A study of mental disorders, as insanity and degeneracy, and of abnormal mental phenomena, as hallucinations, hypnoses, and speech defects. Books referred to are Defendant's *Psychiatry*, Mercier's *Insanity*, Maudsley's *Pathology of Mind*, and Bramwell's *Hypnotism*.

11. GENETIC PSYCHOLOGY — Senior elective, Spring term, three hours. Under this course will be studied and compared the psychological development as shown by the child, the race, and the animal. Works on anthropology, animal psychology, and child psychology, such as Tylor, Spencer, Wundt, Baldwin, Chamberlain, Morgan, Preyer, Tracy, and King, will furnish the material for this course.

12. PAIDOMETRY — Senior required, Spring term, three hours. In this course it is purposed to study the growth and physical development of children, supplementing this study by laboratory work based on Hasting's *Manual for Physical Measurements of Boys and Girls*.

**DEPARTMENT OF MATHEMATICS**

PROFESSOR MILLS.

**Arithmetic**

The course in Arithmetic comprises two terms' work. Accuracy and rapidity in performing the operations in the solution of problems is the first aim in the study of this subject. These accomplishments are brought about through the use of carefully prepared exercises and drills in the four fundamentals and in fractions. The text-book used in the first term's work is Milne's "*Practical Arithmetic*," and the work in this book is completed to the subject of Partial Payments. Ray's '*Higher Arithmetic*' is the text-book for the second term's work. The subjects especially emphasized in this term's work are the following applications of Percentage: Profit and Loss, Interest, True and Bank Discount, Stocks and Bonds, Commission, Exchange, and Equation of Payments. Other subjects which receive special attention are Arithmetical Analysis, Involution and Evolution, and the very important subject of Mensuration. The one important result, a proper understanding of the reason for every step necessary to the solution of a problem, is kept constantly in mind throughout all the work in Arithmetic. Forms of solution and methods of teaching receive special attention.

**Algebra**FIRST TERM'S WORK—Well's *Secondary Algebra*.SECOND TERM'S WORK—Well's *Secondary Algebra*. The one part of this term's work especially emphasized is the chapter on Factoring and its applications.THIRD TERM'S WORK—Fisher and Schwatt's *Higher Algebra* is completed to Harmonical Progression. As in Arithmetic, forms of solution and methods of teaching are prominent features of the work.**Plane Geometry**

This subject is regular in the Spring term. Wentworth's *Plane Geometry* is the text-book used. In this work students

are encouraged to form the habit of original investigation. Terseness and technical accuracy of statement are constant requirements, and much emphasis is given to the application of the principles of Geometry to Arithmetic.

### Descriptive Astronomy

One term's work is devoted to this subject. A text-book is used, but the topical method of recitation is followed and students are encouraged to seek information from the standard works of Astronomy in the library. Students are made familiar with the Zodiacial and Circum-polar Constellations, the principal stars and planets. The University is supplied with a good telescope and all the apparatus necessary to efficient work in this study.

#### Note

For the courses in Solid Geometry, Advanced Algebra, Trigonometry and Surveying, and electives in Mathematics, see description of courses in the College of Liberal Arts. The courses in Arithmetic and Beginning Algebra are offered each term.

### PUBLIC-SCHOOL DRAWING

CORNELIA I. GASKILL, *Instructor.*

Drawing is no longer looked upon as superfluous, and in public-school work it is coming more and more to have a permanent place. It trains the powers of observation, develops the creative imagination, and aids in forming clear mental images. It is a means of expression, a help in all school work, and, rightly directed, should lead also to a love and appreciation of the beautiful.

The work and exercise given will be with this in view: that the student may not only learn how to draw himself, but how the subject should be taught to children. The subject will be considered in the three divisions of Construction, Representation, and Decoration. Pencil will be the medium most used, because pencils are most easily obtained for public school work. Some work in water color will be given.

Students having had no art training will be required to

take the four terms of work planned in the course. Those who have had thorough high-school training will be expected to take but a year of advanced work.

### PUBLIC-SCHOOL MUSIC

Music, as a branch of study worthy a place in our public schools, must be taught with other aims than those of cultivating the musical talent and making musicians of such as desire to become artists or teachers of music.

Music must be used as a means to an end, and that end the same for which all study is given.

Unless it can be taught so as to serve as a valuable aid in the physical, mental, and moral culture of the pupil, it has no place in the common schools.

That it can be so taught has been proven conclusively; and its usefulness in the schoolroom has come to be so universally acknowledged that the school with no regular instruction in music is the exception rather than the rule. The demand for music teachers is increasing constantly. Music in the Normal College continues throughout the course.

**BEGINNING CLASS**— This class becomes acquainted with the staff, major scales, accidentals, and the chromatic scales, written in all the keys, using the G and F clefs.

Drill is given in singing the scales and much time is devoted to sight-singing.

**ADVANCED CLASS**— A review of the beginning work is given. Minor scales, intervals, and triads are taught, with a continuation of sight-singing.

**METHOD CLASS**— In this class lessons will be assigned in charts and books, and students will be prepared to teach them to the class. Criticisms of work by both students and teacher follow each lesson. This class affords an opportunity for students to gain skill in the use of various aids and devices employed in teaching music, and for securing acquaintance with the material used in the classes of the Training School.

As soon as students have sufficient knowledge of the subject, gained some perfection in tone production, classes

are assigned to them in the different grades of the Training School under the supervision of both the Instructor in Music and the Principal.

## ENGLISH

PROFESSOR WILSON.

This Department aims to familiarize the student with representative masterpieces of English Literature and with its history, and to discuss the methods of teaching the subject. Written and oral expression on the part of the student is emphasized in all the work. The student is required to use the Library in the preparation of no small part of his work, that he may come in touch with books and develop the reading spirit.

The courses in Grammar take up the art and science phases of the subject, treat of the technical difficulties of construction, and emphasize the all-important question of methods of teaching Grammar.

The following courses are given in the Normal College:

### Course in Elementary Education for Graduates of Common Schools

#### FIRST YEAR.

Fall term, Grammar, 5; Winter term, American Literature, 5; Spring term, American literature, 5.

#### SECOND YEAR.

Fall term, Rhetoric and Composition, 5; Winter term, Orthography and Phonics, 5.

#### THIRD YEAR.

Fall term, British Literature, 5; Winter term, British Literature, 5; Spring term, Advanced Grammar, 3; Advanced Rhetoric, 5.

#### FOURTH YEAR.

Fall term, English Poetry, 3; Winter term, American Poetry, 3; Spring term, Literature for the Grades, 3.

**Course in Elementary Education for Graduates of High Schools****FIRST YEAR.**

Fall term, English Poetry, 3; Winter term, American Poetry, 3; Spring term, Literature for the Grades, 3; Advanced Grammar, 3.

**Course in Secondary Education for Graduates of High Schools****FRESHMAN YEAR.**

Fall term, English Poetry, 3.

**SOPHOMORE YEAR.**

Winter term, American Poetry, 3.

**SENIOR YEAR.**

Fall term, Literary Criticism, 2.

**Course in Supervision for Principals and Superintendents**

In this Course, the requirements in this Department are the same as those given in the Course of Secondary Education for Graduates of High Schools.

**SUMMER TERM**

JUNE 24 TO AUGUST 2, 1907.

This term is arranged to accommodate those who are otherwise employed during the regular terms and to afford college students an opportunity to continue their studies. All collegiate instruction will be given by members of the regular Faculty and the requirements and the credits in the various branches taught will be the same as in other terms.

Ohio University, by tradition and experience, has ever been in close touch with the public-school system of the State. Many of the graduates, and many who left the undergraduate

classes without completing a course, are now engaged in teaching. Of the students now in attendance upon college classes at least one-third have had successful experience in teaching. This institution was one of the first in Ohio to establish and maintain with credit a Department of Psychology and Pedagogy.

**NORMAL COLLEGE**—The State Normal College of Ohio University owes its existence to the provisions of the "Seese Law," passed by the General Assembly of Ohio in March, 1902. The provision for the support of this State Normal School is sufficient to enable the Trustees to maintain a high-grade institution where the teachers of the State may obtain superior professional training. The Ohio University Summer School will maintain regular departments of The Normal College, and work done in the Summer School will entitle the student to credit on a regular college course.

**FACULTY**—The Faculty is a very strong one, composed of those who are regularly engaged in the work of the University. It would seem hardly necessary to call attention of prospective students to the fact that this is a guaranty of high-grade work, and that the work done in the Summer School will be up to regular college grade in every respect. College credit will be given for all work done. For the number of hours credit allowed on each course, see Booklet in which the several courses offered, are fully set forth.

**COURSES OF STUDY**—Courses of study have been provided to accommodate the following classes of students: Those doing the regular college work who wish to continue their college studies during the summer; those young people who are preparing to teach and who are desirous of getting the very best professional equipment; teachers of some experience who wish to review and take advanced work; teachers who are preparing for required examinations; teachers and others who are preparing to enter one of the regular University of Normal-College courses, and wish to bring up back work in order to be able to enter a college course without conditions; teachers and others who are prepared to carry regular college work; superintendents and advanced teachers who are seeking a broad professional training.

ATTENDANCE STATISTICS — The attendance of students at the Summer School, of Ohio University, for the last eight years, is herewith shown:

YEAR.	MEN.	WOMEN.	TOTAL.
1899 .....	38 .....	23 .....	61
1900 .....	36 .....	29 .....	65
1901 .....	45 .....	57 .....	102
1902 .....	110 .....	128 .....	238
1903 .....	159 .....	264 .....	423
1904 .....	194 .....	363 .....	557
1905 .....	220 .....	430 .....	650
1906 .....	207 .....	449 .....	656

ADDITIONAL INFORMATION — Those interested in the work of the Summer School of Ohio University can secure a copy of a handsome *Booklet* giving names of instructors, courses of study, hours of credit, and other particulars desirable to know by addressing,

ALSTON ELLIS,

*President Ohio University, Athens, Ohio.*

### THE STATE PREPARATORY SCHOOL

ELI DUNKLE, *Principal.*

This School is designed to prepare students for the regular courses of the University and the State Normal College. Students are also received who wish to pursue elementary studies, even though they may have no intention of entering one of the higher courses.

Candidates for admission to this department must furnish satisfactory evidence of good character, and must pass examination in Geography, Arithmetic, English Grammar, Elementary U. S. History, and all studies of the courses lower than those which they wish to pursue. Persons who have certificates from county examiners in Ohio will be admitted without examination in the subjects named above. Students who expect to graduate from the Normal College, must give evidence that they are thoroughly familiar with the common-school branches.

There are three preparatory courses, Classical, Philosophical, and Scientific, each requiring three years for completion, and each leading to a corresponding course in the collegiate department. For the benefit of those who wish a more thorough preparation for their work, classes in Arithmetic, Elementary Algebra, and English Grammar will be organized at the beginning of each term.

### COURSES OF STUDY IN DETAIL

#### Latin

FIRST TERM — Collar and Daniell's *First Year Latin*.

SECOND AND THIRD TERMS — D'Ooge and Daniell's *Second Year Latin*. Especial stress is laid on inflections and composition.

SECOND YEAR — Cicero's Orations. The orations usually read are the four against Catiline, Pro Archia, Pro Marcello, and Pro Ligario. A careful study of forms and syntax is an important part of this year's work.

THIRD YEAR — Vergil's *Aeneid*, Books I-VI. Grammar reviews, scansion, and mythology. Collar's *Latin Prose Composition*.

#### Greek

FIRST AND SECOND TERMS — White's *Beginner's Greek Book* with particular reference to inflections and sentence writing.

THIRD TERM — Xenophon's *Anabasis*, Grammatical reviews and translation into Greek of easy prose.

FOURTH TERM — *Anabasis* continued through the fourth book. Jones's *Greek Prose Composition*.

FIFTH AND SIXTH TERMS — The Orations of Lysias. Jones's *Greek Prose Composition*.

#### English

FIRST TERM — Lockwood and Emerson's *Composition and Rhetoric*.

SECOND TERM — American Literature — Selections from Irving, Bryant, Whittier, and Poe.

THIRD TERM — American Literature continued — Selections from Lowell, Longfellow, Emerson, Hawthorne, and Holmes.

FOURTH TERM — English Literature — Selections from Shakespeare, Milton, Burke, Addison, and Dryden.

FIFTH TERM — English Literature continued — Selections from Johnson, Wordsworth, Macaulay, George Eliot, and Coleridge.

SIXTH TERM — Hill's *Principles of Rhetoric* completed.

### German

FIRST TERM — Becker's *Elements of German*, with reading and recasting the parables of the New Testament.

SECOND AND THIRD TERMS — Grammar, and German readers for beginners.

### French

Students taking the Scientific course may substitute a year of French for Vergil's *Aeneid* and Collar's *Latin Prose Composition*.

### Mathematics

FIRST TERM — Wells's *Secondary Algebra*.

SECOND TERM — Wells's *Secondary Algebra*.

THIRD TERM — Fisher and Schwatt's *Higher Algebra*.

FOURTH TERM — Wentworth's *Plane Geometry*.

### Physics

Two terms, five hours per week. Recitations three times a week. Laboratory work four to six hours per week, three hours in the laboratory being equivalent to one recitation.

Millikan & Gale's *First Course in Physics* will be used as a guide for the class work. Full notes are taken in the laboratory, which are criticized, corrected, and copied into a permanent book. The object is to teach laboratory methods of work and give opportunity to the student to acquire more or less skill in handling apparatus, while the recitation periods are devoted to the acquisition of the elementary principles of the subject.

### Physical Geography

This subject is required in all courses. Tarr's *Physical Geography* is the book used.

### Physiology

The text-book is Brinckley's *Physiology by the Laboratory Method*. The aim is to give a good general knowledge of Anatomy and Hygiene and of the functions of the different organs of the body. A large amount of laboratory work is done.

### Botany

Two terms, five hours per week.

Field and laboratory work are a leading feature in this course. Each student will prepare a herbarium of not less than forty plants. Bergen's *Foundations of Botany* is the text-book.

### U. S. History

Two terms, the first of three hours per week, and the second of five hours per week. Text-book, McLaughlin's *History of the American Nation*.

### Civics

The fundamental principles of the subject are carefully explained, while at the same time the practical operation of the different local and state systems are compared. Special attention is given to the government of Ohio. The growth of our national system is thoroughly investigated.

### General History

This subject is pursued three terms in the Second Preparatory Year.

FIRST TERM — Ancient History.

SECOND TERM — Medieval History.

THIRD TERM — Modern History.

The aim is to give the student a general acquaintance with the leading persons, and the institutions, political and religious, with the literary and artistic movement; in gen-

eral, with the progress of civilization in its broader aspects. The method employed will be the text-book, references to more comprehensive works, essay writing, map-drawing, and lectures by the teacher.

#### Drawing

Required in all three courses. Two hours in the studio are considered equivalent to one recitation.

## CONSPPECTUS OF PREPARATORY COURSES

### FIRST YEAR — First Term.

<i>Classical.</i>	<i>Philosophical.</i>	<i>Scientific.</i>
Beginning Latin ..... 5	Beginning Latin ..... 5	Beginning Latin ..... 5
Rhetoric ..... 5	Rhetoric ..... 5	Rhetoric ..... 5
Physical Geography ..... 5	Physical Geography ..... 5	Physical Geography ..... 5
Drawing ..... 1	Drawing ..... 1	Drawing ..... 1
U. S. History ..... 3	U. S. History ..... 3	U. S. History ..... 3

### Second Term.

Latin-D'Ooge and Daniell ..... 5	Latin-D'Ooge and Daniell ..... 5	Latin-D'Ooge and Daniell ..... 5
American Literature ..... 5	American Literature ..... 5	American Literature ..... 5
Drawing ..... 2	Drawing ..... 2	Drawing ..... 2
Elocution ..... 3	Elocution ..... 3	Elocution ..... 3
U. S. History ..... 5	U. S. History ..... 5	U. S. History ..... 5

### Third Term.

Latin-D'Ooge and Daniell ..... 5	Latin-D'Ooge and Daniell ..... 5	Latin-D'Ooge and Daniell ..... 5
American Literature ..... 5	American Literature ..... 5	American Literature ..... 5
Elocution ..... 3	Elocution ..... 3	Elocution ..... 3
Drawing ..... 2	Drawing ..... 2	Drawing ..... 2
Civil Government ..... 5	Civil Government ..... 5	Civil Government ..... 5

## Conspectus of Preparatory Courses—Continued.

## SECOND YEAR — First Term.

<i>Classical.</i>	<i>Philosophical.</i>	<i>Scientific.</i>
Cicero's Orations ..... 5	Cicero's Orations ..... 5	Cicero's Orations ..... 5
Beginning Greek ..... 5	Physiology ..... 5	Physiology ..... 5
Ancient History ..... 5	Ancient History ..... 5	Ancient History ..... 5
Algebra ..... 5	Algebra ..... 5	Algebra ..... 5

## Second Term.

Cicero's Orations ..... 5	Cicero's Orations ..... 5	Cicero's Orations ..... 5
Greek — Second Term ..... 5	Botany ..... 5	Botany ..... 5
Medieval History ..... 5	Medieval History ..... 5	Medieval History ..... 5
Algebra ..... 5	Algebra ..... 5	Algebra ..... 5

## Third Term.

Cicero's Orations ..... 5	Cicero's Orations ..... 5	Cicero's Orations ..... 5
Anabasis ..... 5	Modern History ..... 5	Modern History ..... 5
Modern History ..... 5	Botany ..... 5	Botany ..... 5
Algebra ..... 5	Algebra ..... 5	Algebra ..... 5

## Conspectus of Preparatory Courses — Continued.

OHIO UNIVERSITY

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### THIRD YEAR — First Term.

<i>Classical.</i>	<i>Philosophical.</i>	<i>Scientific.</i>
Vergil ..... 5 Latin Prose Composition..... 5 Anabasis ..... 5 Greek Prose Composition .....	Vergil ..... 5 Latin Prose Composition..... 5 German ..... 5 Elementary Physics .....	Vergil ..... 5 Latin Prose Composition..... 5 German ..... 5 Elementary Physics .....
Elementary Physics ..... 5 British Literature .....	British Literature .....	British Literature .....
Second Term.		
Vergil ..... 5 Latin Prose Composition..... 5 Lysias's Oration .....	Vergil ..... 5 Latin Prose Composition..... 5 German ..... 5 Elementary Physics .....	Vergil ..... 5 Latin Prose Composition..... 5 German ..... 5 Elementary Physics .....
Greek Prose Composition .....	British Literature .....	British Literature .....
Third Term.		
Vergil ..... 5 Latin Prose Composition..... 5 Lysias's Oration .....	Vergil ..... 5 Latin Prose Composition..... 5 German ..... 5 Advanced Rhetoric .....	Vergil ..... 5 Latin Prose Composition..... 5 German ..... 5 Advanced Rhetoric .....
Greek Prose Composition .....	Plane Geometry .....	Plane Geometry .....
Advanced Rhetoric .....		
Plane Geometry .....		

The figure after the name of study indicates the number of recitations per week in that subject.

# COURSES OF STUDY

## COLLEGIATE DEPARTMENT

In the following scheme, the figures indicate the number of exercises per week. It is believed that the four courses given below are equal in educational value, and all require 2,500 hours of class-room work for their completion. The required work in each of the first three courses is about 1,500 hours. Each student is expected to select the remaining 1,000 from the electives offered in the various departments of the University. The course in Electrical Engineering offers no elective work.

### REQUIRED SUBJECTS FOR THE DEGREE OF BACHELOR OF ARTS

#### Freshman Year

FALL TERM—Greek 4; Latin 4; Solid Geometry 4; Political Economy 2; Tennyson 3.

WINTER TERM—Greek 4; Latin 4; Algebra 4; Political Economy 2; Invertebrate Zoology 2.

SPRING TERM—Greek 4; Latin 4; Plane Trigonometry 4; Invertebrate Zoology 4.

#### Sophomore Year

FALL TERM—Greek or Latin 4; Chemistry 4; European History 3; College Rhetoric 3.

WINTER TERM—Greek or Latin 4; Anatomy 4; Chemistry 4.

SPRING TERM—Greek or Latin 4; Physiology 4; European History 3.

**Junior Year**

FALL TERM — English Literature 4; Psychology 4.

WINTER TERM — Psychology 4.

SPRING TERM — English Literature 4.

**Senior Year**

FALL TERM — Advanced Botany or Geology 4; Logic 4.

WINTER TERM — Astronomy 4; Thesis 5.

**REQUIRED SUBJECTS FOR THE DEGREE OF  
BACHELOR OF PHILOSOPHY****Freshman Year**

FALL TERM — Latin 4; German 4; Solid Geometry 4;  
Political Economy 2; Tennyson 3.

WINTER TERM — Latin 4; German 4; Algebra 4; Political  
Economy 2; Invertebrate Zoology 2.

SPRING TERM — Latin 4; German 4; Plane Trigonometry  
4; Invertebrate Zoology 4.

**Sophomore Year**

FALL TERM — French 4; Chemistry 4; European History  
3; College Rhetoric 3.

WINTER TERM — French 4; Chemistry 4; Anatomy 4.

SPRING TERM — French 4; Physiology 4; European History  
3.

**Junior Year**

FALL TERM — English Literature 4; Psychology 4;  
Ethics 3.

WINTER TERM — Psychology 4; Sociology 3.

SPRING TERM — English Literature 4.

**Senior Year**

FALL TERM — Logic 4; Advanced Botany or Geology 4;  
Introduction to Philosophy 3.

WINTER TERM — Astronomy 4; Philosophy 3; Thesis 5.

SPRING TERM — Philosophy 3.

**REQUIRED SUBJECTS FOR THE DEGREE OF  
BACHELOR OF SCIENCE****Freshman Year**

FALL TERM — Chemistry 4; German 4; Solid Geometry 4; Political Economy 2; Tennyson 3.

WINTER TERM — German 4; Algebra 4; Political Economy 2; Chemistry 4; Invertebrate Zoology 2.

SPRING TERM — German 4; Plane Trigonometry 4; Invertebrate Zoology 4.

**Sophomore Year**

FALL TERM — French 4; Trigonometry 4; European History 3; College Rhetoric 3.

WINTER TERM — French 4; Analytical Geometry 4; Anatomy 4.

SPRING TERM — French 4; Physiology 4; European History 3.

**Junior Year**

FALL TERM — Physics or Mechanics 4; English Literature 4; Psychology 4.

WINTER TERM — Physics 4; Psychology 4.

SPRING TERM — Physics 4.

**Senior Year**

FALL TERM — Advanced Botany or Geology 4; Logic 4.

WINTER TERM — Astronomy 4; Thesis 5.

COURSES OF STUDY  
OF THE  
STATE NORMAL COLLEGE  
OF  
OHIO UNIVERSITY

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**COURSES LEADING TO A DIPLOMA**

The "Course in Elementary Education" for graduates of common schools is designed to meet the needs of the following classes: (1) Those who have passed the Patterson Examination and are graduates of the Common Schools; (2) those who can satisfy the Faculty of qualifications equivalent to Patterson graduation, although they do not hold a diploma from the County Examiners; (3) teachers and prospective teachers who hold county or city certificates, such students being excused from all the work of the first year of the course except American Literature, Rhetoric, School Drawing, School Music, and Physical Geography, these subjects to be taken during the second and third years in addition to the studies scheduled unless the student presents evidence to warrant his being excused by the Faculty; (4) graduates of high schools of Second and Third Grades, who would be excused from such studies as they have satisfactorily completed, and who in most instances would be able to begin the course in the third and second years respectively. The first three years of this course are of Preparatory Grade. The work of the fourth and fifth years is of college grade.

Students wishing to take a foreign language will be permitted to substitute such for studies in this course under the regulations governing substitutions.

In this connection, it should be stated that courses in the Common Branches, Beginning Latin, Algebra, Rhetoric, and a few other preparatory studies are given *each term*, although such a schedule is not shown by the tabulated courses below. This is done to accommodate students who do not enter at the beginning of the year. The Common Branches are presented from the pedagogical point of view, and constitute an important part of the professional training of those preparing to teach, as the work is directly associated with the Department of Methods and the practice work in the Model School.

Graduates of high schools of the First Grade, from a Classical, Scientific, or English course, will be admitted with first-year rank to the two-year course for high-school graduates, or to the fourth year of the course for common-school graduates.

Grades and certificates from reputable institutions will be accepted and placed to the credit of the candidate for admission to the State Normal College.

A total minimum of 115 hours of teaching in the Training School of the State Normal College is required, but teachers of much experience and marked ability may not be held to the full time.

Those who complete either of the courses in "Elementary Education" will be granted a Diploma. All the hours of college work completed in these courses will be credited on the course in "Secondary Education" or course in "Supervision" which courses lead to the degree of Bachelor of Pedagogy.

The plain figures denote the number of hours of work and credit to be given to the subject.

### COURSE IN ELEMENTARY EDUCATION

(For Graduates of Common Schools.)

#### First Year

FALL TERM — Grammar, 5; Physical Geography, 5; U. S. History, 3; Arithmetic, 5; School Drawing, 2,

WINTER TERM — American Literature, 5; Political and Commercial Geography, 4; U. S. History, 5; Reading, 3; School Drawing, 2.

SPRING TERM — American Literature, 5; Civics, 5; Penmanship, 5; Reading, 3; School Drawing, 2.

### Second Year

FALL TERM — Ancient History, 5; Algebra, 5; Physiology, 5; Rhetoric and Composition, 5; Drawing, 2.

WINTER TERM — Mediæval History, 5; Algebra, 5; Botany, 5; Orthography and Phonics, 5.

SPRING TERM — Modern History, 5; Algebra, 5; Botany, 5; Elementary Pedagogy, 5.

### Third Year

FALL TERM — British Literature, 5; Advanced Arithmetic, 5; Physics, 5; U. S. History, 4.

WINTER TERM — British Literature, 5; Physics, 5; U. S. History, 4; Advanced Geography, 4.

SPRING TERM — Advanced Grammar, 3; Plane Geometry, 5; Advanced Rhetoric, 5; Nature Study, 4; U. S. History, 4.

### Fourth Year

FALL TERM — Chemistry, 4; Solid Geometry, 4; Psychology, 5; Political Economy, 2; English Poetry, 3.

WINTER TERM — Chemistry, 4; Introduction to Principles of Education, 3; American Poetry, 3; Handwork, 4; Political Economy, 2; School Music, 2.

SPRING TERM — Literature for the Grades, 3; European History, 3; Introduction to Principles of Education, 3; Primary Methods, 5, or Grammar Grade Methods, 5; Accounting, 5.

### Fifth Year

FALL TERM — Botany, 4; Paidology, 4; Ethics, 3; Elementary Course of Study, 3; Grammar Grade Methods, 4; Teaching.

WINTER TERM — Sociology, 3; Paidology, 4; Zoology, 2; Grammar Grade Methods, 4; Teaching.

SPRING TERM — Zoology, 4; Psychology, 3; School Management and School Laws, 3; History of Elementary Education, 4; Teaching.

### COURSE IN ELEMENTARY EDUCATION

(For Graduates of High Schools)

#### First Year

FALL TERM — English Poetry, 3; U. S. History, 4; Physiology, 5; Psychology, 5; School Music, 2; School Drawing, 1.

WINTER TERM — American Poetry, 3; U. S. History, 4; Advanced Geography, 4; Advanced Arithmetic, 5; Introduction to Principles of Education, 3; School Drawing, 1.

SPRING TERM — Literature for the Grades, 3; Advanced Grammar, 3; Nature Study, 4; Introduction to Principles of Education, 3; Grammar Grade Methods, 5, or Primary Methods, 5; School Drawing, 1.

#### Second Year

FALL TERM — Solid Geometry, 4; Ethics, 3; Paidology, 4; Elementary Course of Study, 3; Grammar Grade Methods, 4; Teaching.

WINTER TERM — Sociology, 3; Zoology, 2; Paidology, 4; Grammar Grade Methods, 4; Handwork, 4; Teaching.

SPRING TERM — Zoology, 4; Psychology, 3; History of Elementary Education, 4; School Management and School Law, 3; Teaching.

### COURSES LEADING TO THE DEGREE OF BACHELOR OF PEDAGOGY

The courses in "Secondary Education" and in "Supervision" require 2,500 hours of class-room work for their completion. The required work is designated below and the student is expected to select the remaining hours from the electives offered in the various departments of the University. Students, by making judicious choice of electives — preferably

after consultation with the college instructors most concerned—can easily emphasize scholarship in certain departments of study. For instance, the courses leading to a degree require two years of study given to a foreign language. The study of such language for an additional year, or for an additional two years, may be elected by students in other terms of the course pursued. In this manner, for further example, students may complete a required course and receive therein much more than the required amount of either Latin, Greek, German, French, or Spanish and thus graduate with such proficiency in the language studied as to be well prepared to fill the position of special teacher of that particular language. The same course can be pursued with reference to other subjects of study scheduled in any department or college of the University.

The fulfillment of regular college requirements for entrance to a course leading to a bachelor's degree will admit to the "Course in Secondary Education," but entrance to the "Course in Supervision" requires in addition at least two years of experience in teaching. Those who complete either of these courses will be granted a diploma with the degree of Bachelor of Pedagogy.

A total minimum of 115 hours of teaching is required, but principals and superintendents of experience who in less time are able to demonstrate their ability to teach in accordance with scientific principles will not be held to the full time.

Credit will be given on these Courses of Study for equivalent work completed in other reputable institutions.

**COURSE IN SECONDARY EDUCATION\***

(For Graduates of High School)

**REQUIRED SUBJECTS.****Freshman Year**

FALL TERM — A Foreign Language, 4; Solid Geometry, 4; English Poetry, 3; U. S. History, 4; School Drawing, 1.

WINTER TERM — A Foreign Language, 4; Algebra, 4; Invertebrate Zoology, 2; U. S. History, 4; School Drawing, 1.

SPRING TERM — A Foreign Language, 4; Plane Trigonometry, 4; School Drawing, 1.

**Sophomore Year**

FALL TERM — Ethics, 3.

WINTER TERM — Psychology, 4; Sociology, 3; American Poetry, 3.

SPRING TERM — Psychology, 3.

**Junior Year**

FALL TERM — Philosophy, 3; Paidology, 3; Principles of Education, 3.

WINTER TERM — Paidology, 3; Principles of Education, 3.

SPRING TERM — Paidology, 3; Comparative Study and Theory of Secondary Education, 3; Methods, 3.

**Senior Year**

FALL TERM — School Administration and School Law, 2; Methods, 3; Teaching; Literary Criticism, 2.

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\* At the beginning of the Sophomore Year each student in the course in Secondary Education must elect to take a special line of work — a Foreign Language, English, Mathematics, History, or Science — and before graduating from the course he shall have completed not less than 342 hours' credit in the special line elected, including any number of hours that may have been given to the subject in the Freshman Year. The student shall report such election for the special study to the Dean of the Normal College for his approval.

**WINTER TERM** — Secondary Course of Study, 3; History of Secondary Education, 4; Thesis, 5; Teaching.

**SPRING TERM** — Paidometry, 3; History of Secondary Education, 4; Teaching.

### **COURSE IN SUPERVISION**

(For Principals and Superintendents)

#### **REQUIRED SUBJECTS.**

##### **Freshman Year**

**FALL TERM** — A Foreign Language, 4; Solid Geometry, 4; English Poetry, 3; Political Economy, 2; School Drawing, 1.

**WINTER TERM** — A Foreign Language, 4; Algebra, 4; Political Economy, 2; Invertebrate Zoology, 2; School Drawing, 1.

**SPRING TERM** — A Foreign Language, 4; Plane Trigonometry, 4; Invertebrate Zoology, 4; Nature Study, 4; School Drawing, 1.

##### **Sophomore Year**

**FALL TERM** — A Foreign Language, 4; Ethics, 3.

**WINTER TERM** — A Foreign Language, 4; Psychology, 4; Sociology, 3; American Poetry, 3.

**SPRING TERM** — A Foreign Language, 4; School Administration and School Law, 3; Psychology, 3.

##### **Junior Year**

**FALL TERM** — Philosophy, 3; Paidology, 3; Principles of Education, 3.

**WINTER TERM** — Paidology, 3; Principles of Education, 3; Methods, 3.

**SPRING TERM** — Paidology, 3; Methods, 3.

##### **Senior Year**

**FALL TERM** — Elementary Course of Study, 3; Foreign and Domestic School Systems, 4; History of Education, 4; Literary Criticism, 2; Teaching.

WINTER TERM — Secondary Course of Study, 3; History of Education, 4; Thesis, 5; Teaching.

SPRING TERM — Supervision and Criticism, 3; Paidometry, 3; History of Education, 4; Teaching.

### ONE YEAR COURSE

(For College Graduates)

Those who complete this Course of Study will be granted a diploma with the degree of Bachelor of Pedagogy.

Students shall elect the grade of practice teaching desired, under the direction of the Dean of the Normal College. One hundred and fifteen hours of teaching are required, but those who are able to demonstrate their ability to teach in accordance with scientific principles will not be held to the full time, but such of this time as it is not devoted to teaching must be filled with some of the other work given below.

Residence work will be required.

Students will select not less than 17 hours a week from the following:

FALL TERM — Elementary Course of Study, 3; History of Ancient and Mediæval Education, 4; Paidology, 3; Principles of Education, 3; Methods, 3; Problems in the Principles of Education, 3; Foreign and Domestic School Systems, 4; Paidological Laboratory, 1; Thesis, 1; Teaching.

WINTER TERM — Secondary Course of Study, 3; History of Modern Education, 4; Paidology, 3; Principles of Education, 3; Methods, 3; Sources in the History of Education, 3; Paidological Laboratory, 1; Thesis, 1; Teaching.

SPRING TERM — Supervision and Criticism, 3; History of Education in the United States, 3; Paidology, 3; School Administration and School Law, 3; Methods, 3; Paidometry, 3; Comparative Study and Theory of Secondary Education, 3; Paidological Laboratory, 1; Thesis, 1; Teaching.

GENERAL NOTE: — Persons who do not desire to pursue any of the regular courses above outlined, may select such studies as they deem best suited to their needs, provided they are qualified by reason of previous preparation to pursue

them. Those who have but one year to give to preparation for teaching are urged to take the studies scheduled in the first year of the "Two-Year Course."

For further information, address,

ALSTON ELLIS,

*President Ohio University, Athens, Ohio.*



**ALUMNI ASSOCIATION****Officers**

*President*, E. D. SAYRE, '88.

*Vice-President*, S. L. McCUNE, '96.

*Secretary*, C. M. COPELAND, '96.

*Treasurer*, W. B. LAWRENCE, '92.

**Executive Committee**

W. B. LAWRENCE, 92.

\*L. M. JEWETT, '61.

L. G. WORSTELL, '88.

I. M. FOSTER, '95.

**Constitution**

ARTICLE I. This Association shall be called the "Alumni Association of the Ohio University."

ART. II. The officers of the Association shall be a President, Vice-President, Secretary, Treasurer, and an Executive Committee, consisting of four members, to be chosen annually.

ART. III. The annual meetings of this Association shall be held in connection with the Commencement exercises of the University.

ART. IV. The object of this Association shall be to cultivate fraternal relations among the Alumni of the University and to promote the interests of our Alma Mater by the holding of social reunions, by literary exercises, or by such other means as the Association may, from time to time, deem best.

ART. V. Any member of the Faculty, and graduate of the University, also any one who has spent three years in the college classes of the University, and has been honorably dismissed, may, by the payment of one dollar and the signing of the Constitution, become a member of this Association.

ART. VI. This Constitution may be altered or amended at

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\* Deceased.

any annual meeting, by a vote of two-thirds of those present at such meeting.

ART. VII. *Amendment.* The members of this Association shall each pay into its treasury an annual fee of one dollar, and the sum so paid shall be expended in defraying the expenses of the annual reunion.



## OHIO UNIVERSITY

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**DEGREES CONFERRED AND DIPLOMAS PRESENTED  
JUNE 21, 1906.**
**A. B.**

Baker, Harley Ellsworth.....	Lancaster, Ohio.
Merritt, William Schory.....	Columbus, Ohio.
Miller, Guy Dolphus.....	Athens, Ohio.
Myers, Clara Jennie.....	Canal Fulton, Ohio.
Norton, Willey Higby.....	Staunton, Va.
Treudley, Mary.....	Athens, Ohio.
Ullom, Jane Bayard.....	Germantown, Pa.

**Ph. B.**

Clayton, Mary Florence.....	Athens, Ohio.
Coultrap, Manning Gebhardt.....	Athens, Ohio.
Crooks, Floyd Stanley.....	Ashville, Ohio.
Ely, George Leonard.....	Wellston, Ohio.
Harris, Charles Henry.....	Athens, Ohio.
Howe, Mary Blanche.....	Athens, Ohio.
Kirkendall, Emmett Royal.....	Athens, Ohio.
Martin, Catherine Regina.....	Jackson, Ohio.
Shaw, Fred .....	Rushsylvania, Ohio.
Taylor, Lucy Mae.....	Tappan, Ohio.
Timberman, John Clement.....	Coalton, Ohio.

**B. S.**

Williamson, Frances .....	Lancaster, Ohio.
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**B. Ped.**

Christman, George Washington.....	Athens, Ohio.
Henderson, Lulu May.....	Cedarville, Ohio
Reynolds, John Fletcher.....	East Springfield, O.

**Ph. M.**

McDaniel, John Edmon.....	La Junta, Colorado.
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**M. Ped.**

**Hoover, Thomas Nathanael.....** Piketon, Ohio.

**Diploma for the Four-Year Commercial Course**

Curran, Oscar Waldo..... Corning, Ohio.  
Miller, Guy Dolphus..... Athens, Ohio.  
Murphy, Edward Chambers..... Amanda, Ohio.

**Diploma, Pianoforte and Harmony**

Hall, Elizabeth Alma..... Logan, Ohio.  
Staker, Mabel Katherine..... Bremen, Ohio.

**Diploma, Course in Elementary Education**

Buchanan, Edith Amanda..... Basil, Ohio.  
McBride, Jessie Enile..... Athens, Ohio.  
Niman, Ida Augusta..... Aurora, Ohio.  
Somerwill, Grace ..... Orwell, Ohio.  
Thompson, Ida May..... Athens, Ohio.  
Winzeler, Alta Evelyn..... Maumee, Ohio.

**Diploma, Short Course in Electrical Engineering**

Anderson, George Murray..... Chillicothe, Ohio.  
Bagwell, Omar Cabell..... Bremen, Ohio.  
Beasley, William Floyd..... Amesville, Ohio.  
Brokaw, Robert Jackson..... Centerburg, Ohio.  
Driggs, Frank Seaman..... Athens, Ohio.  
Hughes, Charles Guy..... Coal Run, Ohio.  
Phelps, John Courtright..... Lancaster, Ohio.  
Smith, Joseph Ross..... Lancaster, Ohio.  
Thompson, Oliver ..... Hemlock, Ohio.  
Thompson, Vaughn Conroy..... Bryan, Ohio.  
West, Norman Orlando..... Medina, Ohio.  
Willison, Frederick J..... Croton, Ohio.  
Work, Taswell Beaver..... Circleville, Ohio.

**HONORARY DEGREES.****A. M.**

Humphrey, Sardine P..... Ironton, Ohio.

**M. Ped.**

Trisler, John L..... Hartwell, Ohio.

**D. D.**

Smith, G. W. H..... Crestline, Ohio.  
Spahr, Albert N..... Milford, Ohio.

**LL. D.**

Burton, Theodore E..... Cleveland, Ohio.



# LIST OF STUDENTS\*

## COLLEGIATE DEPARTMENT

### POST-GRADUATE STUDENTS STUDYING FOR A DEGREE

Beard, Solomon Frederick, A. B.....	Bluffton.
Bryson, Lucy Weethee, B. S.....	Athens.
Christman, George Washington, B. Ped.....	Murray.
Hedrick, Eli Christian, B. Ped.....	Clarksburg.
Matheny, Charles Morris, B. Ped.....	Circleville.
Moore, Mary Ellen, A. B.....	Athens.

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### CLASS OF 1906

Baker, Harley Ellsworth.....	Athens.
Christman, George Washington.....	Murray.
Clayton, Mary Florence.....	Athens.
Coultrap, Manning Gebhardt.....	Athens.
Crooks, Floyd Stanley.....	Ashville.
Ely, George Leonard.....	Wellston.
Harris, Charles Henry.....	Athens.
Henderson, Lulu May.....	Cedarville.
Howe, Mary Blanche.....	Athens.
Kirkendall, Emmett Royal.....	Athens.
Martin, Catherine Regina.....	Jackson.
Merritt, William Schory .....	Columbus.
Miller, Guy Dolphus.....	Athens.
Myers, Clara Jennie.....	Canal Fulton.
Norton, Willey Higby.....	Stauton, Va.
Reynolds, John Fletcher.....	East Springfield.
Shaw, Fred .....	Rushsylvania.
Taylor, Lucy Mae.....	Tappan.
Timberman, John Clement.....	Coalton.
Treudley, Mary .....	Athens.
Ullom, Jane Bayard.....	Germantown, Pa.
Williamson, Frances .....	Lancaster.

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\* This list includes the names of all students registered from the opening of the Spring Term, April 3, 1906, to the close of the Winter term, March 22, 1907.

**SENIORS**

Agler, Charles Marshall.....	Eldorado.
Beckett, John Scouller.....	Hamilton.
Blackstone, Wilbert Stanley.....	Cumberland.
Coultrap, Bernice Hughes.....	McArthur.
Gullum, Frank Barnhart.....	Hamden Junction.
Hawk, James Finly .....	Petrolia, Pa.
Heyman, Roscoe Winfield.....	Bellevue.
Higgins, Winifred Belle.....	Athens.
McVey, John Tipton.....	Eastbank, W. Va.
Martzolff, Clement Luther.....	New Lexington.
Mohler, Nellie Blanche.....	Athens.
Porter, Francis Marion.....	Circleville.
Simon, Mary Anna.....	Piqua.

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**JUNIORS**

Brown, Milton Maywould.....	Bremen.
Connett, William Wyatt.....	Athens.
Cooley, Calla Ernestine.....	Athens.
Cooley, John Milton.....	Athens.
Coultrap, Don C.....	Athens.
Evans, Rhys David.....	Athens.
Foster, Harry Zadoc.....	Athens.
Gabbert, Nan Maria.....	Point Pleasant, W. Va.
Harter, Elizabeth .....	Marietta.
Hayes, George Leroy.....	Pierpont.
Henke, Heber Hunt.....	Athens.
Humphrey, Sara Clare.....	Ironton.
Johnson, Aldis Adelbert.....	Farmdale.
Johnson Frank Leander.....	Cortland.
Lady, William Franklin.....	Bethel.
Lever, Henry Work.....	Loveland.
Mayes, Harry Welday.....	Steubenville.
Merritt, Lillabridge Cynthian.....	Columbus.
Morris, Amos Reno.....	Carroll.
Murphy, Edward Chambers.....	Amanda.
Nice, Leonard Blaine.....	Athens.
Parks, George Crawford.....	Hopedale.
Place, Jesse Alfred.....	Qualey.
Stine, Oscar Clemen.....	Glouster.

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**SOPHOMORES**

Adams, Karl Langdon.....	Athens.
Alderman, William Elijah.....	Athens.
Allard, Laura Eliza.....	Jackson.
Anderson, George Murray.....	Chillicothe.
Badertscher, Jacob.....	Beaver Dam.
Bailey, Cora Ethlyn.....	Lilly Chapel.

Bean, Cecil Calvert.....	Athens.
Bean, Fanny Cozette.....	Athens.
Beasley, William Floyd.....	Amesville.
Bishop, Mary Virginia.....	Athens.
Buchanan, Edith Amanda.....	Basil.
Byder, Charles Oliver.....	Carrollton.
Chappelear, Mary Lauretta Burdsall.....	Athens.
Cheeseman, Redick C.....	Grove City, Pa.
Conner, Grace Bradford.....	Garrettsville.
Coulter, Lewis Eldon.....	Malta.
Coultrap, Harry Mansfield.....	McArthur.
Cranmer, Lucy Aretha.....	Athens.
Crout, Boyd Merrill.....	Dresden.
Cunningham, Fred Nixon.....	Steubenville.
Curran, Oscar Waldo.....	Corning.
Douglas, Malcolm .....	Waverly.
Duga, Nettie Sara.....	Bellaire.
Eaton, Edith Mildred.....	Huntington, W. Va.
Elliott, Edward Byron.....	Hillsboro.
Gahm, Haldor Louis.....	Jackson.
Glaser, Mary Katherine.....	Warren.
Harmon, Elizabeth Adella.....	Aurora.
Hawk, Helen Marie.....	Athens.
Hayden, Charles Ernest.....	Nelsonville.
Howard, George Edward.....	Orwell.
Hudson, Myrtle.....	Ashville.
Huhn, William .....	Hamden Junction.
James, Alfred Hinton.....	Glouster.
Johnson, Helen Almarine.....	Nelsonville.
Johnson, Howard Blane.....	Plants.
Jones, Thomas Hoyt.....	Jackson.
Keck, Blanche Ione.....	McArthur.
Kinnison, Margaret Lucile.....	Jackson.
Kinsinger, Grace Eleanor.....	Bellefontaine.
Kurtz, Frank Bartlett.....	Athens.
Lorbach, Leo William.....	Waverly.
McBride, Jessie Enile.....	Athens.
McGee, Allie Fedilia.....	Middletown.
McLean, Nelle Charlotte.....	Athens.
Martin, Sadie Spears.....	Visalia, Ky.
Matheny, William Alderman.....	Sardis.
Mayes, James Ray.....	Steubenville.
Meyers, Effie Pearl.....	Amanda.
Miser, Mary H.....	Conneaut.
Moody, Vittoria .....	Bartlett.
Morehart, Cleveland .....	Lancaster.
Morgan, William Thomas.....	Bourneville.
Morris, Leota Blanche.....	Harrisville.
Niman, Ida Augusta.....	Aurora.
Palmer, Edith .....	Athens,

Patterson, Lena Estelle.....	Athens.
Porter, Frank .....	New Straitsville.
Richmond, Winifred Vanderbilt.....	Marshfield.
Roush, Helen Elizabeth.....	Athens.
Rowles, Ethel Ellen.....	Bremen.
Scanlan, Marghretta .....	Lancaster.
Schaeffler, Charles Henry.....	Athens.
Scott, Fred Blaine .....	Athens.
Somerwill, Grace .....	Orwell.
Snow, Robert B.....	Athens.
Teaters, Elizabeth Mayes.....	Columbus.
Thomas, George Grindley.....	Jackson.
Thompson, Ida May.....	Athens.
Thompson, Vaughn Conroy.....	Bryan.
Warren, James Pratt.....	Athens.
Watkins, Mary Carson.....	Athens.
White, Clyde .....	New Concord.
Will, Anna Marie.....	McArthur.
Winzeler, Alta Evelyn.....	Maumee.
Wisma, James William.....	Ney.
Wood, Robert Simpson.....	Athens.
Zellner, Louis De Grief.....	New Philadelphia.

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**FRESHMEN**

Adams, Evelyn Lyon.....	Athens.
Ahern, William Joseph .....	Akron.
Alderman, Nellie Addine.....	Athens.
Allen, Walter Osman.....	New Plymouth.
Alspach, James Harvey.....	Blacklick.
Andrews, Adda May.....	Gloster.
Bagwell, Omar Cabell.....	Bremen.
Balis, Carl Randall.....	Athens.
Bartels, Ernest August.....	Syracuse.
Beach, Philip Henry.....	Kinsman.
Beal, Odessa May .....	Athens.
Beckler, Charles Rudolph.....	Athens.
Beckler, Fred Hoadley.....	Athens.
Bender, John Henry.....	West Lafayette.
Bingham, Garnet Gertrude.....	Athens.
Bingham, George Alvin.....	Athens.
Bingman, Carl Wilson.....	Latrobe.
Bingman, Oscar Perry.....	Latrobe.
Blower, George Cromwell.....	Trimble.
Boelzner, Wilhelmina Rose.....	Athens.
Bolton, Edgar Walter.....	Mendon.
Bolton, Rudolph Ray.....	Mendon.
Bowman, Daniel Hunter.....	Bartlett.
Boyd, John Stanley.....	Canal Winchester.
Brickles, Lulu Harper.....	Athens.

Britch, Kirby Ellsworth.....	Lancaster.
Brokaw, Robert Jackson.....	Centerburg.
Brown, Floyd Lucian.....	Seaman.
Cable, Will Ransom.....	Athens.
Campbell, Edna V.....	Athens.
Campbell, Ida Bell.....	Athens.
Carr, Charles Vincent.....	Sugar Grove.
Caywood, George Homer.....	Somerset.
Cherrington, Harold Edgar.....	Wellston.
Coleman, Harry Baxter.....	Carrollton.
Collins, Inez.....	McArthur.
Connett, Loring George.....	Athens.
Connett, Mary.....	Athens.
Cooper, David Miller.....	Athens.
Cousin, Florence Martha.....	Athens.
Cranmer, Harvey Edward.....	Athens.
Dauber, Clara Mae.....	Jackson.
Downer, Godfrey Kern.....	Monongahela, Pa.
Driggs, Frank Seaman.....	Athens.
Dunkle, Herbert Bothwell.....	Athens.
Earhart, Maizie Ada.....	Athens.
Eaton, Rena.....	New Vienna.
Edwards, Bernice C.....	Garrettsville.
Evans, Chauncey Olds.....	Shaderville.
Eylar, Melville.....	Waverly.
Finsterwald, Charles Frederick.....	Guysville.
Finsterwald, Fredia.....	Athens.
Fisher, Julius Royal.....	Akron.
Fleming, Lucy E.....	Amesville.
Frantz, George W.....	Donora, Pa.
Fredenbur, Bertha Louise.....	Uhrichsville.
Fryburger, Frank C.....	Cozaddale.
Geiser, Mary Agnes.....	Lancaster.
Gibbons, John Tipton.....	New Plymouth.
Gillett, Kittie Rea.....	Athens.
Gordon, Chester Saylor.....	Mt. Victory.
Guy, Willard Arthur.....	Athens.
Haffey, William Hunter.....	Canal Winchester.
Halbirt, Lucy Keturah.....	Canaanville.
Halstead, Ruby Clara.....	Warren.
Hartford, Jefferson Saltsman.....	Toronto.
Hedges, Ross.....	Lancaster.
Heller, Vernon Otis.....	Lithopolis.
Hesse, George Ernest.....	Glouster.
Hickman, Wesley Harry.....	Nelsonville.
Higgins, Annette Amity Amanda.....	Athens.
Hooper, Emmett Lorenzo.....	Athens.
Hughes, Charles Guy.....	Coal Run.
Hunter, Marie Douglas.....	Athens.
Jackson, Ruby Claire.....	Paulding.

Johnston, William Cloyd.....	Bremen.
Jones, Evan Johnson.....	Athens.
Junod, Grace Marie.....	Athens.
Keck, Garnet Grace.....	McArthur.
Kenney, Ralph Clinton.....	Athens.
King, Elizabeth Eulalie.....	Gloster.
Koons, Herbert Nelson.....	Athens.
Lehman, Raymond Deford.....	Columbus.
Lewis, Dorothy Elizabeth.....	Athens.
Lewis, Mary Adaline.....	Athens.
Livingston, Alfred Erwin.....	Athens.
Lycan, William Edwin.....	Kansas, Ill.
Lynch, Ora Etta.....	Athens.
McCampbell, Flora .....	Plain City.
McKeever, Daniel Alvin.....	McArthur.
Mason, Ina Beulah .....	Sugar Grove.
Mason, Mabel Rose.....	Sugar Grove.
Melick, Clark Owen.....	Axline.
Merritt, Gladys Alice.....	Columbus.
Mills, Charles Edson.....	Athens.
Moon, Alice Emma.....	Warren.
Moore, Sylvia .....	Athens.
Morgan, Oliver Mack.....	Harper's Station.
Morgan, Thomas Francis.....	Jackson.
Mullay, Maud .....	Portland, Ore.
Mulligan, Mary Cecilia.....	Athens.
Naylor, Clyde George.....	Adena.
Ormsby, Wallace Owen.....	North Jackson.
Pelton, Gladys .....	Chagrin Falls.
Perkins, Ione Marie.....	McArthur.
Phelps, John Courtright.....	Lancaster.
Phillips, Frederick Emmett.....	Amesville.
Pollock, William Ralph.....	Coraopolis, Pa.
Porter, Mary .....	New Straitsville.
Putnam, Harriet Lamb.....	Athens.
Raney, Estelle Coler.....	Crooksville.
Reeves, George Walter.....	Albany.
Roach, Louise .....	Athens.
Robinson, Anna Elizabeth.....	Newark.
Ropp, Ethel Virginia.....	Canal Winchester.
Rowan, Marie Gertrude.....	Hattiesburg, Miss.
Rowles, Grace.....	Bremen.
Sanzenbacher, Elizabeth .....	Piqua.
Sause, Ellen Mercedes.....	Youngstown.
Schaeffler, Madeline .....	Athens.
Secoy, Mary Elizabeth .....	Athens.
Shelton, Dwight J.....	Marion.
Shupe, Lloyd Merle.....	Amanda.
Smith, Joseph Ross.....	Lancaster.
Speck, Frank Richards.....	Ulrichsville.

Spohn, Burrell Blakeney.....	New Lexington.
Stevens, Hugh Albert.....	Orwell.
Swisher, Addie Winnifred.....	Warren.
Taylor, Arthur Hamilton.....	McArthur.
Taylor Esther Marcella.....	McArthur.
Thompson, Oliver .....	Hemlock,
Tuttle, Harley Angelo.....	Diamond.
Ullom, Charlotte Devol.....	Germantown, Pa.
Vore, Lyle Dean.....	Athens.
Wark, Mary Platt.....	Warren.
Warner, Henry Martin.....	Guysville.
Warren, Samuel Cyrus, Jr.....	Athens.
Welch, Wilson Johnson.....	Charleston, W. Va.
West, Norman Orlando.....	Medina.
Wetzel, Lewis Orvel.....	Carrollton.
Williams, Wilbur Heslip.....	Meadville, Pa.
Williamson, Charles Owen.....	Lancaster.
Willison, Frederick J.....	Croton.
Winter, Frederick Holston.....	Crooksville.
Work, Taswell Beaver.....	Circleville.
Yingst, Nora Urania.....	Toronto.

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**IRREGULAR AND SPECIAL STUDENTS**

Bean, L. Gardner, Ph. M.....	Athens.
Blazier, Goldie .....	Athens.
Bowman, Oswald Rudolph.....	Bartlett.
Cherrington, Leila .....	Logan.
Cherrington, Sabina Eleanor.....	Jackson.
Danford, Gladys Allen.....	Glouster.
Faris, Lillie Anne.....	Lynchburg.
Foster, Helen Marie.....	Athens.
Hauschildt, Lillian Mabel.....	Piqua.
Kaler, George Rannells.....	Athens.
Kaler, Mary Engle, Ph. B.....	Athens.
Kimberly, Charles Rufus.....	Circleville.
Koons, Nelle .....	Athens.
Langdon, Emma May.....	Washington C. H.
Milhoan, Frederick Bradford.....	Shadyside.
Morton, Joshua Romine, B. S.....	Athens.
Myers, Charity Luella.....	Warnock.
Parks, Cora Belle.....	Petersburg, W. Va.
Petry, David A.....	West Manchester.
Power, Catherine.....	Nelsonville.
Rowles, Theodocia Lucretia.....	Bremen.
Ruston, William.....	Athens.
St. Clair, Anna May, M. Ped.....	Portsmouth.
Shires, Otho Frederick.....	Rio Grande.
Smith, Thomas Maynard, Ph. B.....	Athens.

Snyder, Orin Earle.....	Mountville.
Souers, Franklin Earl.....	New Philadelphia.
Soule, Mary Minnie.....	Wilkesville.
Strawser, Nolene Maud.....	Adelphi.
Thompson, Bert McCune.....	Senecaville.
Walls, Callie King.....	Athens.
Walls, Louise King.....	Athens.
Welch, Ella Cadwallader.....	Athens.
Williams, Anna Pearl.....	Athens.
Wolfe, Carrie E.....	Athens.

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### THIRD PREPARATORY

Alford, James Perry.....	Bremen.
Andrews, Florence Eva.....	Gloster.
Ashbrook, Price William.....	Amanda.
Backus, Vera Mary.....	Holgate.
Bailey, Elsie Pauline.....	St. Johns.
Barker, Rhoda Irene.....	Athens.
Barnes, Bernice B.....	Bowerston.
Bartlett, Gertrude .....	Bartlett.
Bean, Leo Chapman.....	Gallipolis.
Beery, Jean Z.....	Rushville.
Bigger, John Carl.....	Frankfort Springs,, Pa.
Bishop, Helen Maud.....	Athens.
Bishop, Homer Guy.....	Athens.
Bohrer, Jay Verne.....	Toledo.
Buchan, Mary Lloyd.....	Mingo Junction.
Cain, Josephine .....	Caldwell.
Campbell, Helen Martyn.....	Chagrin Falls.
Carman, Ralph Elliott.....	Unionport.
Carpenter, Aileen Claire.....	Athens.
Cary, Isabel Mary.....	Mt. Vernon.
Cheadle, Georgia .....	Orland.
Clemmer, John Hugh.....	Hicksville.
Crisp, Raymond George.....	Akron.
Cross, Jessie Floy.....	Racine.
Davis, Franklin Armitage.....	Athens.
Davis, John Bruce.....	Georgetown.
Davis, Madora .....	Marshfield.
Davis, Theora .....	Marshfield.
Diggs, Charles Owen .....	Lyndon.
Dixon, Mary Elizabeth.....	Orwell.
Druggan, Elizabeth .....	Athens.
Drury, Roy .....	Gloster.
Dyer, John Brace.....	Ironton.
Fletcher, George Everett.....	Wakeman.
Flood, John William.....	Rushville.
Floyd, Oliver Wendell Holmes.....	Laurelvile.
Forsythe, Florance D.....	Monongahela, Pa.

Gage, Edith Olga.....	Bartlett.
Gates, Corinne Tambling.....	Chagrin Falls.
Gawthorp, Robert Murray.....	Bridgeport, W. Va.
Geeting, Winona Pearl.....	Lewisburg.
Gibson, Bessie Ione.....	Amesville.
Gorslene, Bessie Mabel.....	Nelsonville.
Grones, Addie Marie.....	Athens.
Gross, Haidee Coral.....	West Unity.
Groves, Nettie Arvilla.....	Lancaster.
Hagan, Robert Anderson.....	Adena.
Hammond, Ernest .....	Milan.
Henderson, Estella May.....	Savannah.
Herrold, Grace May.....	New Plymouth.
Hinds, Betty Ione.....	Marion.
Hoopes, Laura May.....	Chagrin Falls.
Hutchison, Gertrude .....	Baltimore.
Johnston, Edith May.....	Little, Ky.
Kerr, Paul Bentley.....	Hicksville.
Le Roy, Bernard Reamy.....	Chagrin Falls.
Le Roy, Verne Emery.....	Chagrin Falls.
Lee, Estella Clarissa.....	Athens.
Lewis, Charles Raymond.....	Rushville.
McLaughlin, Emma .....	Canal Fulton.
Martin, Penelope Helena.....	Lisbon.
Miller, Arthur Stanley.....	Thurston.
Mills, Elizabeth Frances.....	Athens.
Minesinger, Thomas William.....	Athens.
Mitchell, Eva Louise.....	Point Pleasant, W. Va.
Moulton, Earl Chandler.....	Lucasville.
Murphey, Caroline Belle.....	Albany.
O'Conor, Gertrude .....	Stewart.
Parker, Clarence Emmett.....	Athens.
Parks, Hugh Whiteford.....	Hopedale.
Parks, Lewis Bernhard.....	Hopedale.
Pearce, Clarence Spence.....	New Petersburg.
Pickering, Goldie Gay.....	Athens.
Pidgeon, Howard A.....	Pennsville.
Pond, Walter Allen.....	Athens.
Portz, Edward .....	Newcomerstown.
Reed, Atlee Delmer.....	Waterford.
Rogers, Grace .....	Jelloway.
Salsbury, John Wenner.....	Navarre.
Shallenberger, Ethel May.....	Lancaster.
Shilliday, Clarence Lee.....	New Milford.
Simpson, Trixie .....	Little Hocking.
Smith, Albert Truman.....	Big Plain.
Spicer, Benjamin Harrison.....	Athens.
Staker, Mabel Katherine.....	Bremen.
Stambaugh, Sarah Josephine.....	Bryan.
Stewart, Charles G.....	Coolville.

Stoltz, Effie Edith.....	Thornville.
Thompson, Catharine .....	Haydenville.
Titley, Charles Beish.....	Marietta.
Walburn, Wesley .....	Athens.
Ward, Lenna Ethel .....	Athens.
Watkins, Judith. ....	Portsmouth.
White, Clyde Lawrence.....	Coolville.
Wilcox, Ciora Amy.....	Hudson.
Wilcox, Julia Ida.....	Hudson.
Wiles, Gurtha Mildred.....	Chicago.
Wilkes, Ernest Constantine.....	Athens.
Will, Dorothy .....	McArthur.
Wilmot, Virgil P.....	Chagrin Falls.
Wilson, Anna Belle .....	Guysville.

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### SECOND PREPARATORY

Adams, Josephine Bentley.....	Athens.
Adcock, Stanton Sylvester.....	Junction City.
Alexander, Rosanna Blanche.....	Chester Hill.
Allen, Herbert .....	Athens.
Barton, William Howard.....	Adelphi.
Bechtol, Harvey Winfield.....	Millersburg.
Begland, Samuel .....	New Straitsville.
Bickel, Lucile Clark.....	Greenville.
Biddle, Benjamin Harrison.....	Athens.
Blizzard, Alpheus W.....	Baltimore.
Boyles, Ethel Vida.....	North Lewisburg.
Bridgman, Bertha .....	Whigville.
Burley, Etta Louise.....	Zanesville.
Byer, Rodolph .....	Athens.
Butts, Nina Leota .....	Athens.
Cagg, Miles Herbert.....	Nelsonville.
Caldwell, Clara May.....	Coolville.
Caldwell, Mary Jane.....	Coolville.
Caldwell, Willie Burns.....	Letart Falls.
Cameron, Sylvia .....	Cynthiana.
Chrisman, Oscie Dru.....	Athens.
Clark, Cecile Wilma.....	Athens.
Cobb, Howard Bundy.....	Wellston.
Cullums, George Willis.....	Athens.
Curry, Adelaide Gertrude.....	McArthur.
Dickerson, Harlan Jewett.....	South Zanesville.
Dixon, James Floyd.....	Jackson.
Dumaree, Edward Louis.....	Mineral.
Dutton, Walter Curtis.....	Hockingport.
Eddy, Orton Cecil.....	Millfield.
Erf, George Arthur.....	Monroeville.
Ewing, Thomas Franklin.....	Monongahela, Pa.
Fulwider, Albert Paul.....	Athens.

Gallaher, Myrtle Ione.....	Clarington.
Garman, Guy Feb.....	Hudson.
Golden, James Brown.....	Athens.
Gray, Charles Jennings.....	McArthur.
Hammond, Arthur Dean.....	Bloomingdale.
Hixson, Sarah Ethel.....	Athens.
Howell, Willie Herbert.....	Lone Cedar, W. Va.
Hunter, Edith May.....	Marshfield.
Johnson, Rafael Roe.....	Trimble.
Johnson, William Arthur.....	Plants.
Johnston, Carroll Moore.....	Little, Ky.
Johnston, Thomas Purley.....	McArthur.
Jones, Rees Odwyn.....	Jackson.
Jones, Roger Johnson.....	Athens.
Kenney, Lora May.....	Athens.
Kinner, Jesse.....	Coshocton.
Knight, Charles Kelly.....	Athens.
Krapps, Hazel L.....	Athens.
Kuhn, Edward Howard.....	Lancaster.
Lash, Lena Otto.....	Athens.
Lee, William Walter.....	Athens.
Leonard, Francis George.....	Greenfield, Mass.
Leyda, Mabel Irene.....	Cutler.
Lindley, David Howell.....	Hamilton.
Longanecker, Roy .....	Louisville.
Lutz, George Wayne.....	Langsville.
McBride, Samuel Thomas.....	Coolville.
McCleery, William Acton.....	Lancaster.
McClelland, Mary .....	Shreve.
McCune, Charles Nathaniel.....	Plainfield.
McFarland, Heber .....	Center Belpre.
McFarland, Robert Russell.....	Carroll.
McLaughlin, Henry Max.....	Wilkesville.
Mallory, James G.....	Pierpont.
Mauck, Anna Laura.....	Cheshire.
Mechling, Frank Ernest.....	Glenford.
Mills, Lelia Mary.....	Guysville.
Myers, Robert Eugene.....	Copley.
Niday, Oberlin Curtis.....	Northup.
Orr, Nettie Viola.....	Athens.
Palmer, Frank Harlan.....	Glenford.
Parker, George Everett.....	Athens.
Patterson, Clifford Scott.....	Monongahela, Pa.
Portz, Harvey Oscar.....	Newcomerstown.
Pratt, Harry Milan.....	New Philadelphia.
Raver, Grover .....	Canal Winchester.
Reading, Laura Lorinda.....	Athens.
Ridenour, Clarence Ray.....	New Lexington.
Riley, Michael Frederick.....	Guysville.
Russell, John Edgar.....	South Burgettstown, Pa.

Rutherford, Bessie Blanche.....	Carpenter.
Sheward, Carmel Clifford.....	Jackson.
Shrider, Ivan Zartman.....	Glenford.
Sibley, Hiram Ellis.....	Gallipolis.
Sloan, John Tolbert.....	Trimble.
Smith, Beulah .....	New Cumberland.
Smith, Carl Cleveland.....	Cadiz.
Sooysmith, Gerald Campbell.....	Riverside, Ill.
Speer, John Day.....	Bloomingdale.
Stage, William Addison.....	Lancaster.
Starr, Dano Elmer.....	Athens.
Starr, Elma Vera.....	Athens.
Stout, Orin Clark.....	Stoutsburg.
Tannehill, Sarah Edith.....	Scott.
Tharp, Ray Golden.....	Hemlock.
Thomas, Emmett Lorin.....	Gallipolis.
Tracy, Ernest Winfield.....	Layman.
Wadley, Lloyd Otlet.....	Athens.
Webber, Robert Grover.....	Sistersville, W. Va.
Weber, John Finley.....	Masterton.
Wells, Anita H.....	Wellston.
Whitmore, Charles Egbert.....	Buchtel.
Wickliffe, Ray .....	Millersport.
Wilkes, Charles Olney.....	Athens.
Williams, James Stanley.....	Gallipolis.
Yauger, Harry Thomas.....	New Lexington.

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### FIRST PREPARATORY

Andrews, Noah Frederick.....	Sand Run.
Ashbrook, Alva Hiram.....	Amanda.
Bandtel, Herbert George.....	Hamilton.
Barker, Robert Ralph.....	Athens.
Brooks, Eva May.....	Marshfield.
Bunch, Morrell.....	Muncie, Ind.
Butts, Clarence Roscoe.....	Athens.
Cannon, Mabel Claire.....	Millfield.
Caster, Aura .....	Carpenter.
Caster, Lovina .....	Carpenter.
Connett, Raymond Wendell.....	Athens.
Cooley, Nida .....	Athens.
Cox, Marie A.....	Luhrig.
Cowen, Earl .....	Albany.
Crippen, Helen Virginia.....	Athens.
Duncan, James Link.....	Athens.
Elliott, Lulu Faye.....	Athens.
Evans, Wendell Holmes.....	Thurman.
Harper, Lamar Secley.....	Wheelersburg.
Higgins, Joseph Warren.....	Athens.
Hixson, Lucy Margaret.....	Athens.

Hughes, George Russell.....	Businessburg.
Josten, Fred John.....	Athens.
Karn, Almeda .....	Cove.
Kirkendall, Ruby Dell.....	Athens.
Lepley, Howard Day.....	Athens.
McPherson, Emerson Arthur.....	Albany.
Marion, Clara Jennie.....	Amanda.
Maxwell, Virgil Coler.....	Athens.
Mohler, Clara Vi.....	Pratt's Fork.
Moore, Clara Ellen.....	Athens.
Oxley, Delbert Franklin.....	Athens.
Pugh, Virgie Agnes.....	Vincent.
Sentman, Paul Porter.....	Rainsboro.
Shaner, Mary Ruth.....	Athens.
Shaver, Earl .....	Eastbank, W. Va.
Smith, Frank Allen.....	Big Plain.
Smith, Verle Cleveland.....	Basil.
Tarbill, Alice .....	New Holland.
Warrener, Mary Estelle.....	Amesville.
Webb, Earl Castor.....	Albany.
White, J. Everett.....	Nelsonville.
Wilkes, Herman Bingman.....	Chadbourne, N. C.
Wilkes, Lulu Constance.....	Athens.
Williams, Jacob Wilhelm.....	Pomeroy.
Wilson, Ada Belle.....	Athens.
Wilson, Arthur Lawrence.....	Winchester.
Zink, Etha Grace.....	Athens.

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## ENROLLMENT IN THE STATE NORMAL COLLEGE, 1906-7

(Exclusive of Summer Term, 1906.)

### FIRST YEAR IN ELEMENTARY EDUCATION

Andrews, Mary Arminda.....	Elk Fork.
Andrews, Noah Frederick.....	Sand Run.
Ashbrook, Alvah Hiram.....	Johnstown.
Bandtel, Herbert George.....	Hamilton.
Barnes, Nora Esther.....	Croton.
Brooks, Eva May.....	Marshfield.
Butts, Clarence Roscoe.....	Athens.
Cannon, Mabel Claire.....	Millfield.
Connett, Raymond Wendell.....	Athens.
Cooley, Nida.....	Athens.
Cowen, Earl .....	Albany.
Cox, Marie A.....	Luhrig.
Crossen, Constance Zura.....	Athens.
Culp, Orlin Francis.....	Jamestown.

Duncan, Adrienne Flossie.....	Athens.
Duncan, James Link.....	Athens.
Elliott, Lulu Faye.....	Athens.
Evans, Wendell Holmes.....	Thurman.
Gutherie, Clara Edna.....	Alfred.
Harper, Lamar Seeley.....	Wheelersburg.
Hixson, Emma Jean.....	Athens.
Hixson, Lucy Margaret.....	Athens.
Karn, Almeda .....	Cove.
Le Favor, Ella .....	Alfred.
Lent, Zelma May.....	Jacksonville.
Linton, Gladys Amy.....	Athens.
McPherson, Emerson Arthur.....	Albany.
Marion, Clara Jennie.....	Amanda.
Maxwell, Virgil Coler.....	Athens.
Mohler, Clara Vi.....	Pratt's Fork.
Pugh, Virgie Agnes.....	Vincent.
Rife, Phena Abigail.....	Kyger.
Sentman, Paul Porter.....	Rainsboro.
Shaner, Mary Ruth.....	Athens.
Smith, Frank Allen.....	Big Plain.
Staneart, Amanda Eleanor.....	Darwin.
Tatman, George Ralph.....	New Plymouth.
Tubbs, Lemuel Meade.....	Pratt's Fork.
Warrener, Mary Estelle.....	Amesville.
Webb, Earl Castor.....	Albany.
Weiss, Jessie Estella.....	Athens.
White, J. Everett.....	Nelsonville.
Wilkes, Herman Bingman.....	Chadbourne, N. C.
Winters, Glenn Hunter.....	McArthur.
Zimmerman, Susie May.....	Albany.

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**SECOND YEAR IN ELEMENTARY EDUCATION**

Adams, Josephine Bentley.....	Athens.
Adcock, Stanton Sylvester.....	Junction City.
Alexander, Rosanna Blanche.....	Chesterhill.
Andrews, Charles Wesley.....	Glenford.
Babione, Kathryn Agnes.....	Woodville.
Babione, Larue Frances.....	Woodville.
Batterson, Iva Pearl.....	Bryan.
Beath, Emma Augusta.....	Hillsboro.
Begland, Samuel .....	New Straitsville.
Boetticher, Albert Wesley.....	Sardis.
Brohard, Edith Bronson.....	Coalton.
Burgess, Ethel Julia.....	Bartlett.
Burgess, Irma Ada.....	Bartlett.
Burley, Etta Louise.....	Zanesville.
Byrd, Jennie .....	Martins Ferry.

Butts, Nina Leota.....	Athens.
Gagg, Miles Herbert.....	Nelsonville.
Caldwell, Clara May.....	Coolville..
Caldwell, Mary Jane.....	Coolville..
Caldwell, Willie Burns.....	Letart Falls.
Cameron, Albert F.....	Marshall.
Cameron, Sylvia .....	Cynthiana.
Cartmell, Eva Bess.....	Peoria.
Cartmell, Maud .....	Peoria.
Christman, Anthony .....	Guysville.
Clark, Cecile Wilma .....	Athens.
Crabbe, Fred Locke.....	South Solon.
Cullums, George Willis.....	Athens.
Curry, Adelaide Gertrude.....	McArthur.
Dickerson, Harlan Jewett.....	South Zanesville.
Dixon, James Floyd.....	Jackson.
Doyle, Langdon Earl.....	Senecaville.
Dumaree, Edward Louis.....	Mineral.
Eddy, Orton Cecil.....	Millfield.
Edmiston, Laura Belle.....	Toronto.
Eldridge, Anna Elizabeth.....	Bartlett.
Erf, George Arthur.....	Monroeville.
Evans, Lucy Belle .....	Guysville.
Falls, Ella Catherine.....	Bishopville.
Fulwider, Albert Paul.....	Athens.
Gallaher, Myrtle Ione.....	Clarington.
Gilbert, Ina .....	Stella.
Gray, Charles Jennings.....	McArthur.
Hemphill, Winona .....	Copley.
Herrold, Daisy Irene.....	Nelsonville.
Herrold, Mary Elizabeth.....	Nelsonville.
Hughes, George Russell.....	Businessburg.
Johnson, Rafael Roe.....	Trimble.
Johnson, William Arthur.....	Plants.
Jones, Rees Odwin.....	Jackson.
Karr, Clara Helen.....	Syracuse.
Kenney, Lora May.....	Athens.
Ketter, Ella .....	Coalton.
Kinner Jesse .....	Coshocton.
Knight, Charles Kelly.....	Athens.
Kym, Frank L.....	Somerset.
Leckrone, Maurice .....	Glenford.
Lee, William Walter.....	Athens.
Leyda, Mabel Irene.....	Cutler.
Lively, Bertha Alwilda.....	Albany.
McBride, Mary Addine.....	Coolville.
McBride, Samuel Thomas.....	Coolville.
McCartney, Harry Rollin.....	Hendrysburg.
McCleery, William Acton.....	Lancaster.
McClelland, Mary .....	Shreve.

McFarland, Heber .....	Center Belpre.
McLaughlin, Henry Max.....	Wilkesville.
McNaughton, James Edgar.....	South Webster.
Mallory, James G.....	Pierpont.
Mauck, Anna Laura.....	Cheshire.
Mechling, Frank Ernest.....	Glenford.
Mills, Lelia Mary.....	Guysville.
Myers, Robert Eugene.....	Copley.
Niggemeyer, Theodore Arthur.....	Guysville.
O'Connor, Delia .....	Alice.
Orr, Nettie Viola .....	Athens.
Palmer, Frank Harlan.....	Glenford.
Parker, George Everett.....	Athens.
Portz, Harvey Oscar.....	Newcomerstown.
Ricketts, Carrie Edith.....	Sugar Grove.
Ridenour, Clarence Ray.....	New Lexington.
Rutherford, Bessie Blanche.....	Carpenter.
Schellenger, Guy Washington.....	Jackson.
Shrider, Ivan Zartman.....	Glenford.
Simmons, Guy David.....	Jackson.
Smith, Beulah .....	New Cumberland.
Spriggs, Herbert .....	Oak Hill.
Stage, William Addison.....	Lancaster.
Starkey, Mary .....	Gloster.
Starr, Dano Elmer.....	Athens.
Strider, Uberto Henry.....	South Solon.
Tannehill, Sarah Edith.....	Scott.
Tracy, Ernest Winfield.....	Layman.
Tripp, Muriel Elizabeth.....	Holgate.
Valentine, Helen Rachel.....	Murphy.
Voegtly, Nell Leona.....	Hannibal.
Wadley, Lloyd Otlet.....	Athens.
Walker, Alice Elizabeth.....	Mt. Orab.
Wemer, Fred Wilson.....	Millfield.
Wells, Anita H.....	Wellston.
Whitmore, Charles Egbert.....	Buchtel.
Wickliffe, Ray .....	Millersport.
Winn, Mabel Elizabeth.....	Rutland.

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**THIRD YEAR IN ELEMENTARY EDUCATION**

Alford, James Perry.....	Bremen.
Andrews, Florence Eva.....	Gloster.
Backus, Vera May.....	Holgate.
Barker, Rhoda Irene.....	Athens.
Bartlett, Gertrude .....	Bartlett.
Bean, Leo Chatman .....	Gallipolis.
Bemis, Arthur Sheldon.....	Aurora.
Bohrer, Jay Verne.....	Toledo.

Buchan, Mary Lloyd.....	Mingo Junction.
Cain, Josephine .....	Caldwell.
Campbell, Helen Martyn.....	Chagrin Falls.
Cary, Isabel Mary.....	Mt. Vernon.
Cheadle, Georgie .....	Orland.
Crisp, Raymond George.....	Akron.
Davis, John Bruce.....	Georgetown.
Davis, Madora .....	Marshfield.
Davis, Theora .....	Marshfield.
Diggs, Charles Owen.....	Lyndon.
Druggan, Elizabeth .....	Athens.
Drury, Roy .....	Glouster.
Fletcher, George Everett.....	Wakeman.
Forsythe, Florance D.....	Monongahela, Pa.
Gage, Edith Olga.....	Bartlett.
Gates, Corinne Tambling.....	Chagrin Falls.
Geeting, Winona Pearl.....	Lewisburg.
Gross, Haidee Coral.....	West Unity.
Groves, Nettie Arvilla.....	Lancaster.
Hammond, Ernest .....	Milan.
Henderson, Estella May.....	Savannah.
Herrold, Grace May.....	New Plymouth.
Hinds, Bettie Ione.....	Marion.
Hoopes, Laura May.....	Chagrin Falls.
Hutchinson, Gertrude .....	Baltimore.
Johnston, Edith May.....	Little, Ky.
Lee, Estella Clarissa.....	Athens.
McLaughlin, Emma .....	Canal Fulton.
Martin, Penelope Helena.....	Lisbon.
Minesinger, Thomas William.....	N. Cumberland, W. Va.
Pearce, Clarence Spence.....	New Petersburg.
Pickering, Goldie Gay.....	Athens.
Rogers, Grace .....	Jelloway.
Shallenberger, Ethel May.....	Lancaster.
Smith, Albert Truman.....	Big Plain.
Stambaugh, Sarah Josephine.....	Bryan.
Stoltz, Effie Edith.....	Thornville.
Walburn, Wesley .....	Athens.
Ward, Lenna Ethel.....	Athens.
Watkins, Judith .....	Portsmouth.
Wilcox, Clora Amy.....	Hudson.
Wilcox, Julia Ida.....	Hudson.
Wiles, Gurtha Mildred.....	Chicago.
Wilkes, Ernest Constantine.....	Athens.
Will, Dorothy .....	McArthur.
Wilson, Anna Belle .....	Guysville.

## FRESHMEN

Adams, Evelyn Lyon.....	Athens.
Allen, Walter Osman.....	New Plymouth.
Bowman, Daniel Hunter.....	Bartlett.
Collins, Inez .....	McArthur.
Cousin, Florence Martha.....	Athens.
Earhart, Mazie Ada.....	Athens.
Eaton, Rena.....	New Vienna.
Edwards, Bernice C.....	Garretttsville.
Gibbons, John Tipton.....	New Plymouth.
Halstead, Ruby Clara.....	Warren.
Hedges, Ross .....	Lancaster.
Hunter, Marie Douglas.....	Athens.
Jackson, Ruby Claire.....	Paulding.
Keck, Garnet Grace.....	McArthur.
Lehman, Raymond Deford.....	Columbus.
Lewis, Dorothy Elizabeth.....	Sandusky.
Lewis, Mary Adaline.....	Athens.
McCormick, Flora .....	Plain City.
Merritt, Gladys Alice.....	Columbus.
Mulligan, Mary Cecilia.....	Athens.
Pelton, Gladys M.....	Chagrin Falls.
Robinson, Anna Elizabeth.....	Newark.
Ropp, Ethel Virginia.....	Canal Winchester.
Sause, Ellen Mercedes.....	Youngstown.
Secoy, Mary Elizabeth.....	Athens.
Spohn, Burrell Blakney.....	New Lexington.
Stevens, Hugh Albert.....	Orwell.
Swisher, Addie Winnifred.....	Warren.
Taylor, Esther Marcella.....	McArthur.
Taylor, Arthur Hamilton.....	McArthur.
Vore, Lyle Dean.....	Athens.
Wark, Mary Platt.....	Warren.
Welch, Wilson Johnson.....	Charleston, W. Va.
Yingst, Nora Urania.....	Toronto.

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## SOPHOMORES

Badertscher, Jacob A.....	Larue.
Bailey, Cora Ethelyn.....	Lilly Chapel.
Bean, Cecil Calvert.....	Athens.
Bean, Fanny Cozette.....	Athens.
Buchanan, Edith Amanda.....	Basil.
Chappelear, Mary Laurette Burdsall.....	Athens.
Coulter, Lewis Eldon.....	Malta.
Cranmer, Lucy Aretha.....	Athens.
Duga, Nettie Sara.....	Bellaire.
Gahm, Haldor Louis.....	Jackson.
Glaser, Mary Katherine.....	Warren.

Harmon, Elizabeth Adella.....	Aurora.
Hawk, Helen Marie.....	Athens.
Hudson, Myrtle .....	Ashley.
Huhn, William .....	Hamden Junction.
Keck, Blanche Ione.....	McArthur.
Kinsinger, Grace Eleanor.....	Bellefontaine.
McBride, Jessie Enile.....	Athens.
McGee, Allie Fedilia.....	Middletown.
Matheny, William Alderman.....	Sardis.
Meyers, Effie Pearl.....	Amanda.
Miser, Mary H.....	Conneaut.
Morgan, William Thomas.....	Bourneville.
Morris, Leota Blanche.....	Harrisville.
Niman, Ida Augusta.....	Aurora.
Richmond, Winifred Vanderbilt.....	Marshfield.
Somerwill, Grace .....	Orwell.
Teaters, Elizabeth Mayes.....	Columbus.
Thompson, Ida May.....	Athens.
Watkins, Mary Carson.....	Athens.
White, Clyde .....	New Concord.
Winzeler, Alta Evelyn.....	Maumee.

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**JUNIORS**

Adams, John William.....	Johnstown.
Brown, Milton Maywould.....	Bremen.
Cooley, Calla Ernestine.....	Athens.
Harter, Elizabeth .....	Marietta.
Hayes, George Leroy.....	Pierpont.
Lady, William Franklin.....	Bethel.
Merritt, Lillabridge Cynthian.....	Columbus.

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**SENIORS**

Agler, Charles Marshall.....	Eldorado.
Coultrap, Bernice Hughes.....	McArthur.
Higgins, Winifred Belle.....	Athens.
McVey, John Tipton.....	Eastbank, W. Va.
Martzolff, Clement Luther.....	New Lexington.
Mohler, Nellie Blanche.....	Athens.
Simon, Mary Anna.....	Piqua.

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**SPECIAL NORMAL**

Allen, Herbert .....	Athens.
Asher, Ethel Marie.....	New Holland.
Beck, Ernest Ray.....	Somerset.
Bennett, Clarence Edward.....	Nelsonville.
Berry, Ella Ethelyn.....	Quincy, Ky.
Bishop, Mary Virginia .....	Ironton.
Boord, Creed Maxwell.....	Ostrander.

Bourquin, Jessie Mabel.....	North Baltimore.
Bower, Allen McClelland.....	Coshocton.
Brown, Olive .....	Revere, Mo.
Calhoon, Goldie Celestia .....	New Lexington.
Cash, Hamilton La Rue.....	Byesville.
Caster, Aura .....	Carpenter.
Castor, Lovina .....	Carpenter.
Clark, Marguerite .....	Circleville.
Conn, Margaret Alta.....	Nelsonville.
Eaton, Mary Jane.....	Circleville.
Giese, Julia Etta.....	Smithfield.
Hamilton, Paul Ibbotson.....	Brownsville.
Kimberly, Charles Rufus.....	Circleville.
Kincade, Myrta Pearl .....	Athens.
Kratch, Emma Sophie.....	Massillon.
La Bounty, Bertha .....	Chicago.
La Bounty, Lettie Leone.....	Chicago.
Langdon, Emma May.....	Washington C. H.
Linville, Grace May.....	Circleville.
McKee, Effie.....	Nelsonville.
Milhoan, Frederick Bradford.....	Shadyside.
Milton, Katherine Douglass.....	Youngstown.
Moninger, Henry Franklin.....	Scio.
Murphy, Katherine Cecilia.....	Painesville.
Myers, Charity Luella.....	Warnock.
Myers, Jesse Morrison.....	Steubenville.
Parfitt, Edith May.....	Nelsonville.
Parkins, Laura Gertrude.....	Orbiston.
Parks, Cora Belle.....	Petersburg, W. Va.
Patterson, Gail .....	Shadyside.
Petry, David A.....	West Manchester.
Power, Katherine .....	Nelsonville.
Regan, Matthew .....	Wilmington.
Reidenbauch, Frederick William.....	Port Washington.
Riter, Nicholas John.....	Ironton.
Rowles, Theodocia L.....	Bremen.
Seeger, Florence Barbara.....	Youngstown.
Sharp, George Bondurant Tracy.....	Lucasville.
Shea, Mary Monica.....	Zaleski.
Snyder, Orin Earl.....	Mountville.
Starkey, Edith Belle.....	New Lexington.
Strawser, Nolene Maud.....	Adelphi.
Taylor, Barnett Winning.....	Hendrysburg.
Tague, Paul .....	New Lexington.
Thompson, Eugene Franklin.....	Nelsonville.
Treuthart, Alice Cornelius.....	Portsmouth.
Walter, Charles William .....	Rushville.
Webber, Goldie .....	Sistersville, W. Va.
Wedge, Ida De Camp.....	Gloster.
Weigel, Martha Helen.....	Salineville.

Williams, Anna Pearl.....	Athens.
Young, Lois Jeannette .....	Norwalk.
Young, Estella May.....	Amanda.

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**POST-GRADUATES**

Baker, Harley Ellsworth.....	Lancaster.
Clayton, Mary Florence.....	Athens.
Ely, George Leonard.....	Wellston.
Henderson, Lulu May.....	Cedarville.
Howe, Mary Blanche.....	Athens.
Kaler, Mary Engle.....	Athens.
Martin, Catherine Regina.....	Jackson.
Reynolds, John Fletcher.....	Island Creek, Ore.
St. Clair, Anna Mae.....	Portsmouth.
Timberman, John Clement.....	Coalton.

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**STUDYING FOR A DEGREE**

Beard, Solomon Frederick, A. B.....	Paulding.
Christmann, George Washington, B. Ped.....	Murray City.
Hedrick, Eli Christian, B. Ped.....	Clarksburg.
Matheny, Charles Morris, B. Ped.....	Circleville.

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**SUMMARY**

First Year in Elementary Education.....	45
Second Year in Elementary Education.....	103
Third Year in Elementary Education.....	54
Freshman .....	34
Sophomores .....	32
Juniors .....	7
Seniors .....	7
Special Normal .....	60
Post-Graduate .....	10
Post-Graduate, Studying for a Degree.....	4
 Total .....	 356

**ENGINEERING  
ELECTRICAL ENGINEERING****Advanced Students**

Alspach, James Harvey.....	Blacklick.
Anderson, George Murray.....	Chillicothe.
Bagwell, Omar Cabell.....	Bremen.
Beach, Philip Henry.....	Kinsman.

Beasley, William Floyd.....	Amesville.
Bender, John Henry.....	West Lafayette.
Blackstone, Wilbert Stanley.....	Cumberland.
Britch, Kirby Ellsworth.....	Lancaster.
Brokaw, Robert Jackson.....	Centerburg.
Carr, Charles Vincent.....	Sugar Grove.
Cheeseman, Redick C.....	Grove City, Pa.
Cooley, John Milton.....	Athens.
Cunningham, Fred Nixon.....	Steubenville.
Driggs, Frank Seaman.....	Athens.
Dyer, John Brace.....	Ironton.
Elliott, Edward Byron.....	Hillsboro.
Fryburger, Frank C.....	Cozadale.
Heyman, Roscoe Winfield.....	Bellevue.
Hickle, Clyde Monroe.....	Lithopolis.
Hickman, Harry Wesley.....	Nelsonville.
Hilliard, Atwell Franklin.....	Lithopolis.
Hughes, Charles Guy.....	Coal Run.
Johnson, Howard Blane.....	Plants.
Johnston, William Cloyd.....	Bremen.
Michaels, Augustus Philip.....	Chillicothe.
Miller, Albert Earl.....	Nellie.
Phelps, John Courtright.....	Lancaster.
Porter, Francis Marion .....	Circleville.
Raney, Estelle Coler.....	Crooksville.
Scott, Fred Blaine .....	Athens.
Shelton, Dwight J.....	Marion.
Smith, Joseph Ross.....	Lancaster.
Thompson, Oliver.....	Hemlock.
Thompson, Vaughn Conroy.....	Bryan.
Warner, Henry Martin.....	Guysville.
West, Norman Orlando.....	Medina.
Willison, Frederick J.....	Croton.
Work, Taswell Beaver.....	Circleville.

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**First Year**

Allen, Herbert (preparatory).....	Athens.
Bechtol, Harvey Winfield.....	Millersburg.
Bemis, Arthur Sheldon.....	Aurora.
Boyd, John Stanley.....	Canal Winchester.
Clark, Harold William.....	Deersville.
Coleman, Harry Baxter.....	Carrollton.
Cookson, James Franklin.....	Bloomingdale.
Cox, Clarence Clifford.....	Gillespieville.
Creamer, Clark Willis.....	Lowell.
Daum, Carl .....	Saginaw, Mich.
Davis, Franklin Armitage.....	Athens.
Davis, John Bruce.....	Georgetown.
Diggs, Charles Owen.....	Lyndon.

Epperson, Herbert .....	Linton, Ind.
Finney, Joseph Ray.....	Waverly.
Frost, Leo Broadwell.....	Marietta.
Gordon, Chester Saylor.....	Mt. Victory.
Hambleton, Clarence Orlando.....	Marietta.
Hammond, Arthur Dean.....	Bloomingdale.
Hankison, Lewie Ellsworth.....	Lancaster.
Hartford, Jefferson Saltsman.....	Toronto.
Jonston, Tom Addison.....	Burghill.
Keller, Cecil Ward.....	Bremen.
Lapp, Paul George.....	Bucyrus.
McClure, Oscar Earle.....	Seaman.
Minesinger, Thomas William (preparatory) ..	N. Cumberland, W. Va.
Patterson, Jay Robert.....	Shiloh.
Pettit, Percival Percleses.....	Creola.
Ross, Joseph Finical.....	Enfield.
Scott, Earl Leo.....	New Washington.
Sever, Clement Zeno.....	Waldron, Ind.
Shields, Buren Riley.....	Crooksville.
Silvus, William Green.....	Athens.
Sites, Fred .....	Lancaster.
Speer, James Eberlein.....	Bloomingdale.
Spicer, Benjamin Harrison.....	Athens.
Stamm, John Merrill.....	Prospect, Pa.
Stevenson, Arthur James.....	Kenton.
Tannehill, Frederick Horace.....	Logan.
Taylor, Barnett Winning.....	Hendrysburg.
Terrien, Frederick Francis.....	Grand Rapids, Mich.
Watts, Charles Harrison.....	Crooksville.
Welch, Matthew Reed.....	Burgettstown, Pa.
Wetzel, Lewis Orvel.....	Carrollton.
Williams, Raymond J (preparatory) .....	Athens.
Williamson, Samuel Alpha.....	Amanda.
Wilmot, Virgil P.....	Chagrin Falls.
Witherspoon, Guy Halliday.....	McArthur.

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**CIVIL ENGINEERING****Second Year**

Adams, Karl Langdon.....	Athens.
Balis, Carl Randall.....	Athens.
Beckler, Charles Rudolph.....	Athens.
Beckler, Fred Hoadley.....	Athens.
Bibbee, Elijah Clinton.....	Letart Falls.
Byder, Charles Oliver.....	Carrollton.
Connett, Loring George.....	Athens.
Connett, William Wyatt.....	Athens.
Foster, Harry Zadoc.....	Athens.
Howard, George Edward.....	Orwell.

Pollock, William Ralph.....	Coraopolis, Pa.
Warren, James Pratt.....	Athens.
Wisda, James William.....	Ney.

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**First Year**

Bigger, John Carl.....	Frankfort Springs, Pa.
Cooper, David Miller.....	Athens.
Crisp, Raymond George.....	Akron.
Crow, Herman G.....	Madison Mills.
Frantz, George W.....	Donora, Pa.
Fulwider, William Elbert.....	Athens.
Koons, Herbert Nelson.....	Athens.
Lever, Henry Work.....	Loveland.
Morgan, Thomas Francis.....	Jackson.
Nye, Robert Eugene.....	Chauncey.
Pidgeon, Howard A.....	Pennsville.
Titley, Charles Beish.....	Marietta.
Zellner, Louis De Grief.....	New Philadelphia.

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**COMMERCIAL COLLEGE****FULL COMMERCIAL COURSE FINISHED IN 1906**

Curran, Oscar Waldo.....	Corning.
Miller, Guy Dolphus.....	Athens.
Murphy, Edward Chambers.....	Amanda.

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**FOURTH YEAR IN COMMERCIAL COURSE**

Bingham, George Alvin.....	Athens.
Livingston, Alfred Erwin.....	Athens.
Lorbach, Leo William.....	Waverly.
Parks, George Crawford.....	Hopedale.

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**THIRD YEAR IN COMMERCIAL COURSE**

Bingham, Garnet Gertrude.....	Athens.
Campbell, Edna V.....	Athens.
Connett, Mary .....	Athens.
Cranmer, Harvey Edward.....	Athens.
Finsterwald, Fredia .....	Athens.
Hamilton, Frank Howard.....	Monongahela, Pa.
Junod, Grace Marie.....	Athens.
Lynch, Ora Etta.....	Athens.
McKeever, Daniel Alvin.....	McArthur.
McLean, Nelle Charlotte.....	Athens.
Roach, Louise .....	Athens.
Schaeffler, Madeline .....	Athens.

Shupe, Ervin Ellsworth.....	Amanda.
Warren, Samuel Cyrus.....	Athens.

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**SPECIAL COURSE COMPLETED IN 1906**

Alderman, Lola Florence (Accounting).....	Gloster.
Bingham, George Alvin (Accounting).....	Athens.
Brokaw, Robert Jackson (Accounting).....	Centerburg.
Ewing, Glenroy Henry (Accounting and Stenography) .....	Pomeroy.
Fletcher, William Hugh (Accounting).....	Albany.
Geiser, Mary Agnes (Stenography).....	Lancaster.
Hayes, Rose Elizabeth (Stenography).....	Athens.
Kincade, Myrta Pearl (Stenography).....	Athens.
Law, Loretta Hortense (Accounting and Stenography) .....	Station 15.
Livingston, Alfred Erwin (Accounting).....	Athens.
McDaniel, Etta (Accounting).....	New Plymouth.
Morrow, Garfield Blaine (Stenography).....	Claysville, Pa.
Murphy, Clayton Earl (Accounting).....	Nelsonville.
Naylor, Glyde George (Accounting).....	Adena.
Rowles, Grace (Stenography).....	Bremen.
Shafer, Eugene Earl (Accounting).....	Nelsonville.
Shupe, Ervin Ellsworth (Accounting).....	Amanda.
Thompson, Eugene Franklin (Stenography)....	Nelsonville.
Webster, Delpha May (Stenography).....	Athens.
Weidman, James Millard (Accounting).....	Athens.
West, Norman Orlando (Accounting).....	Medina.
Winter, Frederick Holston (Accounting).....	Crooksville.
Young, Estella May (Stenography).....	Amanda.
Young, Nellie Vannetta (Accounting).....	Athens.

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**REVIEW, SPECIAL AND COURSE UNFINISHED**

Allard, Laura Eliza.....	Jackson.
Anderson, George Murray.....	Chillicothe.
Atkinson, Etta Violet.....	Athens.
Barger, Fred .....	Piketon.
Bartels, Ernest August.....	Syracuse.
Beach, Philip Henry.....	Kinsman.
Bean, Fanny Cozette.....	Athens.
Bennett, Clarence Edward.....	Nelsonville.
Bishop, Helen Maud.....	Athens.
Britch, Kirby Ellsworth.....	Lancaster.
Burgoon, Anna Gertrude.....	Athens.
Burritt, Nellie June.....	Athens.
Cable, Will Ransom.....	Athens.
Campbell, Ida Bell.....	Athens.

Carr, Charles Vincent.....	Sugar Grove.
Caywood, George Homer.....	Somerset.
Cherrington, Harold Edgar.....	Wellston.
Conrad, Albert Allen.....	Amanda.
Cook, Grace .....	Columbus.
Coulter Lewis Eldon.....	Malta.
Cox, Ellis Van Hise.....	Dayton.
Crow, Herman G.....	Madison Mills.
Dains, Wesley Frederick.....	Albany.
Davis, Halbert Mattocks.....	Kinsman.
Diggs, Charles Owen.....	Lyndon.
Dorr, Will Lee.....	Athens.
Druggan, Minnie Elsie.....	Athens.
Dyer, John Brace.....	Ironton.
Evans, Chancey Olds.....	Shaderville.
Fleming, Lucy E.....	Amesville.
Foster, Franklin Pierce.....	Lilly Chapel.
Fryburger, Frank C.....	Cozaddale.
Frye, Lola Belle.....	Millersport.
Gleason, Helen Celia.....	Athens.
Gray, Charles Jennings.....	McArthur.
Green, Joseph Henry.....	Athens.
Haffey, William Hunter.....	Canal Winchester.
Hampton, Edna Renietta.....	Nelsonville.
Hankison, Lewie Ellsworth.....	Lancaster.
Hawk, James Finly.....	Petrolia, Pa.
Hesse, George Ernest.....	Glouster.
Hickle, Clyde Monroe.....	Lithopolis.
Hilliard, Atwell Franklin.....	Lithopolis.
Hoerner Osa .....	Euphemia.
Hooper, Emmett Lorenzo.....	Athens.
Hunter, Edith May.....	Marshfield.
James, Mary Elizabeth.....	Athens.
Johnson, Howard Blane.....	Plants.
Johnston, William Cloyd.....	Bremen.
Jones, Hattie Elizabeth,.....	Chillicothe.
Jones, Thomas Hoyt.....	Jackson.
Jourden, Sarah Evelyn.....	Athens.
Kenney, Ralph Clinton.....	Athens.
Kincade, Myrta Pearl.....	Athens.
Kinnison, Margaret Lucile.....	Jackson.
Kurtz, Frank Bartlett.....	Athens.
Lohse, Goldie May.....	Athens.
McCleery, William Acton.....	Lancaster.
McCoy, Garnet Elizabeth.....	Middleport.
McDaniel, Etta .....	New Plymouth.
McKee, Effie .....	Nelsonville.
Matheny, Aletha Mayme.....	Athens.
Melick, Clark Owen.....	Axline.
Michaels, Augustus Philip.....	Chillicothe.

Miller, Albert Earl.....	Nellie.
Mills, Blanche Aldine.....	Athens.
Mills, Elizabeth Frances.....	Athens.
Moon, Alice Emma.....	Warren.
Morgan, William Thomas.....	Bourneville.
Morris, Arthur Garfield.....	Sumner.
Murphy, Clayton Earl.....	Nelsonville.
Myers, Jesse Morrison.....	Steubenville.
Niggemeyer, Theodore Arthur.....	Guysville.
Norton, Willey Higby.....	Staunton, Va.
Ormsby, Wallace Owen.....	North Jackson.
Parker, Allie May.....	Alexandria.
Patterson, Attie Winifred.....	Athens.
Pennybacker, Hazel Leona.....	Nelsonville.
Peugh, Minnie Olive.....	Glouster.
Porter, Mary .....	New Straitsville.
Pursell, Charles Lewis.....	Logan.
Reading, Laura Lorinda.....	Athens.
Rowles, Grace .....	Bremen.
Russell, John Philip.....	Beaver.
Ruston, James .....	Athens.
Ruston, William .....	Athens.
Sanzenbacher, Elizabeth .....	Piqua.
Scanlan, Marghretta .....	Lancaster.
Schaeffler, Charles Harry.....	Athens.
Selby, Goldie Belle.....	Athens.
Shaffer, Minnie O.....	South Salem.
Sharp, George Bondurant Tracy.....	Lucasville.
Shelton, Dwight J.....	Marion.
Smith, Thomas Maynard.....	Athens.
Speck, Frank Richards.....	Uhrichsville.
Starling, Louise Pauline.....	Athens.
Starr, Beulah .....	Austin.
Sweeney, Edith .....	Athens.
Swygert, Mary .....	Pataskala.
Thomas, George Grindley.....	Jackson.
Thomas, Margaret .....	Glouster.
Thompson, Bert McCune.....	Senecaville.
Timberman, John Clement.....	Coalton.
Townsend, Florence Amanda.....	Carpenter.
Vale, Wilson Ellis.....	Smithfield.
Walsh, Ethel Xavier.....	Athens.
White, Clyde Lawrence.....	Coolville.
White, Mary Adda.....	Athens.
White, Anna Mary.....	Athens.
Williams, Jacob Wilhelm.....	Pomeroy.
Williamson, Charles Owen.....	Lancaster.
Wood, Robert Simpson.....	Athens.

## COLLEGE OF MUSIC

Adams, Josephine Bentley.....	Athens.
Alderman, Lola Florence.....	Gloster.
Alderman, Nellie Addine.....	Athens.
Alderman, William Elijah.....	Athens.
Allard, Laura Eliza.....	Jackson.
Andrews, Adda May .....	Gloster.
Andrews, Florence Eva.....	Gloster.
Arning, Myrtle Delia .....	Defiance.
Babione, Kathryn Agnes.....	Woodville.
Badertscher, Mary Blanche.....	Beaver Dam.
Baker, Faye Athens.....	Athens.
Barnes, Bernice B.....	Bowerston.
Beal, Odessa May .....	Athens.
Bean, Cecil Calvert.....	Athens.
Bean, L. Gardner.....	Athens.
Beckler, Edith Blanche.....	Athens.
Beckett, John Scouller.....	Hamilton.
Bell, Minnie Madrey .....	Athens.
Berry, Ella Ethelin.....	Quincey, Ky.
Bishop, Mary Virginia.....	Athens.
Blizzard, Alpheus W.....	Baltimore.
Boelzner, Wilhelmina Rose.....	Athens.
Bolton, Rudolph Ray.....	Mendon.
Bowers, Lena .....	Albany.
Bowman, Oswald Rudolph.....	Bartlett.
Bowser, Ida Elizabeth.....	Columbus.
Boyd, Mattie Lucretia.....	Canal Winchester.
Brickles, Lulu Harper.....	Athens.
Brooks, Dana Frances.....	Athens.
Broooks, Ruth Newcome.....	Athens.
Brown, Olive .....	Revere, Mo.
Buchan, Mary Lloyd.....	Mingo Junction.
Burgess, Ethel Julia.....	Bartlett.
Burley, Etta Louise.....	Zanesville.
Burson, Lucile .....	Shade.
Cain, Josephine .....	Caldwell.
Caldwell, Clara May.....	Coolville.
Campbell, Edna V.....	Athens.
Campbell, Helen Martyn.....	Chagrin Falls.
Carpenter, Aileen Claire.....	Athens.
Carpenter, Anna Adrienne.....	Athens.
Carr, Alberta Hamilton.....	Athens.
Cary, Isabel Mary.....	Mt. Vernon.
Cassil, Ella Jean.....	Howard.
Chaney, Joanna .....	Murray City.
Chappelear, Mary Laurette Burdsall.....	Athens.

Chrisman, Oscie Dru.....	Athens.
Chubb, Catherine .....	Athens.
Chute, Bernice Fauney.....	Jacksonville.
Clarke, Fauntelle Aileene.....	Glouster.
Clayton, Mary Florence.....	Athens.
Coakley, Mabel .....	Nelsonville.
Coates, Anna Pearl.....	Nelsonville.
Connett, Bessie .....	Athens.
Cook, Cora Elene.....	Middleport.
Copeland, Edna Florence.....	Athens.
Copeland, Nellie Elizabeth.....	Athens.
Copeland, Thomas Harold.....	Athens.
Crippen, Helen Virginia.....	Athens.
Crisp, Raymond George.....	Akron.
Cromley, Edythe Baker.....	Athens.
Cummings, Foss .....	Gnadenhütten.
Dana, Louise Perkins.....	Athens.
Davis, Adda Lillian.....	Glouster.
Denbow, Emma Lurena .....	San Toy.
Dent, Vina May.....	Athens.
Deweese, Eliza .....	Washington.
Doolittle, Fleda Doris.....	Carbondale.
Driggs, Bessie Irene.....	Athens.
Drury, Roy .....	Glouster.
Duga, Nettie Sara.....	Bellaire.
Dunkle, Herbert Bothwell.....	Athens.
Dyson, Mary Elizabeth.....	Athens.
Earhart, Maizie Ada.....	Athens.
Eaton, Edith Mildred.....	Huntington, W. Va.
Eaton, Rena .....	New Vienna.
Edwards, Bernice C.....	Garrettsville.
Elder, Mary Frances.....	Athens.
Englander, Mary Augusta.....	Deavertown.
Ervin, Ozella .....	Wellston.
Falloon, Helen Worth.....	Rutland.
Faris, Lillie Anne.....	Lynchburg.
Feisley, Carrie Ora.....	Clarington.
Fenzel, William Henry.....	Athens.
Finsterwald, Charles Frederick.....	Guysville.
Finsterwald, Fredia .....	Athens.
Fisher, Julius Royal.....	Akron.
Flinn, Nora Ethel.....	Latrobe.
Forsythe, Florance D.....	Monongahela, Pa.
Foster, Charles Elmer.....	Chillicothe.
Foster, Helen Marie.....	Athens.
Francis, Mildred Isabel.....	Athens.
Fredenbur, Bertha Louise.....	Uhrichsville.
Gabbert, Nan Maria.....	Point Pleasant, W. Va.
Gahm, Haldor Louis.....	Jackson.
Gamble, Sylvia Vesta.....	Athens.

Gates, Corinne Tambling.....	Chagrin Falls.
Gibbs, Erma May.....	Bolin's Mills.
Gillett, Kittie Rea.....	Athens.
Ginnan, Mary Ellen.....	Athens.
Goldsberry, Blaine Randolph.....	Athens.
Goldsberry, John Russell.....	Athens.
Green, Joseph Henry.....	Athens.
Green, Lizzie Belle .....	Athens.
Grones, Addie Marie.....	Athens.
Gross, Carl Lenox.....	Athens.
Guiler, Helena Maria.....	Whigville.
Halbirt, Lucy Keturah.....	Canaanville.
Hall, Elizabeth Alma.....	Logan.
Hamilton, Frank Howard.....	Monongahela, Pa.
Hamilton, Paul Ibbotson.....	Brownsville.
Hammond, Ernest .....	Milan.
Harman, May .....	Sardis.
Harmon, Elizabeth Adella .....	Aurora.
Harter, Elizabeth .....	Marietta.
Hartford, Jefferson Saltsman.....	Toronto.
Hartnell, Minnie Belle.....	Coolville.
Hastings, Lucile Fuller.....	Athens.
Hauschildt, Lillian Mabel.....	Piqua.
Hawk, Helen Marie.....	Athens.
Henke Cecile Anita.....	Athens.
Herrold, Grace May.....	New Plymouth.
Herrold, Mary Elizabeth.....	Nelsonville.
Higgins, Bessie Inez.....	Athens.
Higgins, Hannah Louise.....	Athens.
Higgins, Leight Monroe.....	Athens.
Higley, Brewster .....	Athens.
Hixson, Lizzie .....	Chauncey.
Hoop, Grace .....	Wellston.
Hoopes, Laura May.....	Chagrin Falls.
Howard, Elsie Olive.....	Athens.
Howe, Maude .....	Athens.
Hudson, Frankie Lorene.....	Athens.
Huhn, William .....	Hamden Junction
Humphrey, Sara Clare.....	Ironton.
Hunter, Marie Douglas.....	Athens.
Hyde, Mayme C.....	Trimble.
Johnson, Frank Leander.....	Cortland.
Johnston, Edith May.....	Little, Ky.
Kavanaugh, Mary Bernadine.....	Zaleski.
Keck, Blanche Ione.....	McArthur.
King, Elizabeth Eulalie.....	Gloster.
Kinnison, Margaret Lucile.....	Jackson.
Kinsinger, Grace Eleanor.....	Bellefontaine.
Kirkendall, Ruby Dell.....	Athens.
Koons, Lena .....	Athens.

Koons, Nelle .....	Athens.
Krapps, Hazel L.....	Athens.
Kurtz, Frank Bartlett.....	Athens.
Langdon, Emma May.....	Washington C. H.
Lash, Lena Otto.....	Athens.
Lawrence, Lydia Grace.....	Guysville.
Lively, Bertha Alwilda.....	Albany.
Lloyd, Ada Eliza.....	Oak Hill.
Logan, Elizabeth Mearle.....	Athens.
Lorbach, Leo William.....	Waverly.
McCLEERY, NELLIE FERN.....	Basil.
McDonald, Lucy Annette.....	Nelsonville.
McGEE, ALLIE FEDILIA.....	Middletown.
McGinnis, Mabel Beatrix.....	Frazeysburg.
McKee, Grace.....	Athens.
McKinstry, Cassandra Bartlett.....	Athens.
McKinstry, Mary Claire.....	Athens.
McKown, Emily M.....	Dayton.
McKown, Lillian .....	Dayton.
McLean, Nelle Charlotte.....	Athens.
McLaughlin, Emma.....	Canal Fulton.
McVay, Charles Don.....	Athens.
McVey, John Tipton.....	Eastbank, W. Va.
Martin, Peter Elwyn.....	Athens.
Mason, Anna Claire.....	Athens.
Mason, Ina Beulah.....	Sugar Grove.
Mason, Mabel Rose.....	Sugar Grove.
Mauck, Anna Laura.....	Cheshire.
May, Grace .....	Norwalk.
Mayes, James Ray.....	Steubenville.
Mercer, Leslie Lenand.....	Athens.
Meyers, Effie Pearl.....	Amanda.
Miller, Fletcher McCoy.....	Athens.
Miller, Orla Glen.....	Athens.
Miller, Verna Marie.....	Athens.
Millikan, Agnes Dyson Beck.....	Athens.
Mills, Lelia Mary.....	Guysville.
Mills, Mildred .....	Athens.
Mitchell, Eva Louise.....	Point Pleasant, W. Va.
Moore, Clara Ellen.....	Athens.
Moore, Grace Elizabeth.....	Albany.
Moore, Sylvia .....	Athens.
Moorehead, Mildred .....	Senecaville.
Morgan, Oliver Mack.....	Harper's Station.
Mulligan, Mary Cecilia.....	Athens.
Murphy, Edward Chambers.....	Amanda.
Naumann, Friedrich Oswald.....	Parkersburg, W. Va.
Newton, Madge Alice.....	Athens.
Nice, Leonard Blaine.....	Athens.
Nye, Bessie .....	Chauncey.

Nye, Robert Eugene.....	Chauncey.
Osborne, Guy Ellsworth.....	Athens.
Palmer, Edith.....	Athens.
Parfitt, Edith May.....	Nelsonville.
Parker, Clarence Emmett.....	Athens.
Parker, Edna Lucile.....	Athens.
Parker, George Everett.....	Athens.
Parker, May Margaret.....	Athens.
Parkins, Laura Gertrude.....	Orbiston.
Patton, Eva Estelle.....	Nelsonville.
Pelton, Gladys M.....	Chagrin Falls.
Perkins, Ione Marie.....	McArthur.
Pershing, Orlando Boyd.....	Athens.
Phelps, John Courtright.....	Lancaster.
Phister, Nelle Roach.....	Athens.
Pickering, Anna Katherine.....	Athens.
Pickett, Florence .....	Athens.
Pond, Walter Allen.....	Athens.
Porter, Francis Marion.....	Circleville.
Portz, Edward.....	Newcomerstown.
Pospichel, Stephen.....	Buchtel.
Rathburn, Maude .....	Nelsonville.
Reeder, Anna.....	Athens.
Reidenbach, Frederick William.....	Port Washington.
Reynolds, Willia Frances.....	Bartlett.
Rhodes, Virgie Voneta.....	Athens.
Richey, Adelaide Joa.....	Athens.
Robey, Bessie Naomi.....	Logan.
Robinson, Grace Anna.....	Trimble.
Ropp, Ethel Virginia.....	Canal Winchester.
Rothman, Irma May.....	Athens.
Rothman, Lucile Doris.....	Athens.
Roush, Helen Elizabeth.....	Athens.
Rowan, Marie Gertrude.....	Hattiesburg, Miss.
Rowles, Ethel Eleanor.....	Bremen.
Rowles, Grace .....	Bremen.
Rowles, Theodocia Lucretia.....	Bremen.
Russ, William Lewis.....	Athens.
Ryan, Frances Hazelwood.....	St. Clairsville.
Sams, Darrell Hudson.....	Athens.
Sands, Anna .....	Zaleski.
Sands, Florimel .....	Zaleski.
Sause, Ellen Mercedes.....	Youngstown.
Schaeffler, Charles Harry.....	Athens.
Scott, Fred Blaine.....	Athens.
Scott, John William.....	Athens.
Secoy, Ina May.....	Athens.
Selby, Goldie Belle.....	Athens.
Selby, John D.....	Athens.

Shafer, Eugene Earl.....	Nelsonville.
Shea, Mary Monica.....	Zaleski.
Simpson, Trixie.....	Little Hocking.
Smith, Beulah .....	New Cumberland.
Smith, Verle Cleveland.....	Basil.
Snyder, Elsie Carmon.....	Whigville.
Soule, Mary Minnie.....	Wilkesville.
Speck, Frank Richards.....	Uhrichsville.
Staker, Mabel Katherine.....	Bremen.
Stambaugh, Sara Josephine.....	Bryan.
Starr, Elma Vera.....	Athens.
Steward, Hulda Ellen.....	Harrisonville.
Stoneburner, Sarah Wilson.....	Nelsonville.
Swisher, Addie Winnifred.....	Warren.
Taylor, Arthur Hamilton.....	McArthur.
Thompson, Catharine .....	Haydenville.
Treudley, Ruth .....	Athens.
Ullom, Charlotte Devol.....	Germantown, Pa.
Valentine, Helen Rachel.....	Murphy.
Voegtly, Nell Leona.....	Hannibal.
Walls, Alta Louise.....	Glenrose.
Walsh, Emma Evelyn.....	Athens.
Walsh, Ethel Xavier.....	Athens.
Wark, Mary Platt.....	Warren.
Warren, Samuel Cyrus.....	Athens.
Webb, Carrie .....	Pulaski.
Welch, Edwin .....	Charleston, W. Va.
Welch, Wilson Johnson.....	Charleston, W. Va.
Whitmore, Charles Egbert.....	Buchtel.
Wilcox, Clora Amy.....	Hudson.
Wilcox, Julia Ida.....	Hudson.
Wilkes, Carsonia Marie.....	Athens.
Will, Dorothy.....	McArthur.
Will, Anna Marie.....	McArthur.
Williams, Anna Pearl.....	Athens.
Williams, Jacob Wilhelm.....	Pomeroy.
Williamson, Charles Owen.....	Lancaster.
Williamson, Frances .....	Lancaster.
Williamson, Samuel Alpha.....	Amanda.
Wilson, Anna Belle.....	Guysville.
Wilson, Florence Craig.....	Athens.
Winn, Mabel Elizabeth.....	Rutland.
Winters, Alice Frances.....	Coolville.
Winters, Inez Claire.....	Coolville.
Wolfe, Forrest Eugenie.....	Athens.
Woodyard, Anna .....	Athens.
Woodyard, Grace Gifford.....	Sharpsburg.
Yauger, Harry Thomas.....	New Lexington.
Yaw, Otto Virgil.....	Glouster.

Yingst, Nora Urania.....	Toronto.
Young, Elmer Ellsworth.....	Amanda.
Young, Florence Famah.....	Circleville.

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## SUMMER TERM, 1906

Adam, Mary Helena.....	Newark.
Adams, Evelyn Lyon.....	Athens.
Adams, John William.....	Johnstown.
Agler, Charles Marshall.....	Eldorado.
Alderman, Nellie Addine.....	Athens.
Alderman, William Elijah.....	Athens.
Alexander, William Bayliss.....	Chester Hill.
Alford, James Perry.....	Bremen.
Allen, Clarence Evans.....	Orland.
Allen, Lily Margaret.....	Athens.
Allen, Maybelle .....	Howard.
Amendt, Lucile .....	New Philadelphia.
Anderson, Gladys Mae.....	Frazeysburg.
Andrews, Charles Wesley.....	Glenford.
Apgar, Blanche Beatrice.....	Loveland.
Arning, Myrtle Delia.....	Defiance.
Asher, Ethel Marie.....	New Holland.
Bailey, Cora Ethlyn.....	Lilly Chapel.
Bailey, Elsie Pauline.....	Wapakoneta.
Baird, Minnie .....	New Lexington.
Baker, Effie .....	Thornville.
Baker, Gertrude .....	Thornville.
Barber, Hattie Fenimore.....	Fremont.
Batterson, Iva Pearl.....	Bryan.
Bay, James Campbell.....	Spratt.
Bean, L. Gardner.....	Twinsburg.
Beard, Solomon Frederick.....	Paulding.
Beath, Emma Augusta.....	Hillsboro.
Beck, Ernest Ray.....	Somerset.
Beck, Maud .....	Gallipolis.
Bell, Minnie Madrey.....	Athens.
Bender, Ada Beatrice.....	Napoleon.
Bennett, Clarence Edward.....	Nelsonville.
Bent, Clarence Goff.....	Little Hocking.
Berry, Ella Ethelin.....	Quincy, Ky.
Bibbee, Elijah Clinton.....	Letart Falls.
Biddle, Benjamin Harrison.....	Athens.
Biddle, Cleophas Genevieve.....	Athens.
Bierschwal, Anna .....	Marietta.
Binckley, Owen Ellsworth.....	Smithfield.
Bingham, Geo. Alvin.....	Athens.
Bingman, Carl Wilson.....	McArthur.

Bingman, Oscar Perry.....	Latrobe.
Bixler, Grace Edmonia.....	Rendville.
Black, Edith M.....	Bremen.
Blackstone, Wilbert Stanley.....	Cumberland.
Blizzard, Alpheus W.....	Baltimore.
Bobo, Ethel Frances.....	Athens.
Boetticher, John Edward.....	Sardis.
Bohrer, Jay Verne.....	Toledo.
Bond, William Rufus.....	Portsmouth.
Boord, Maude McClimans.....	Powell.
Boord, Creed Maxwell.....	Powell.
Bourquin, Jessie Mabel.....	North Baltimore.
Bowen, Mollie Flanery.....	St. Marys.
Bower, Allen McClellan.....	Coshocton.
Bowman, Oswald Rudolph.....	Bartlett.
Boyd, Mattie Lucretia.....	Canal Winchester.
Boyd, Susanna Mae.....	Cambridge.
Brague, Grace .....	Clarington.
Brast, Bertha Edna.....	Powhatan Point.
Brotton, Rosalie.....	Caldwell.
Brown, Etta May.....	Bremen.
Brown, Martha Elizabeth.....	Sidney.
Brown, Milton Maywould.....	Kenmore.
Brunner, Helene Elizabeth.....	Fremont.
Buch, Caroline Mary Ella.....	Massillon.
Burgoon, Anna Gertrude.....	Athens.
Burson, Lucile.....	Shade.
Cable, Julia Luella.....	Athens.
Cagg, Miles Herbert.....	Nelsonville.
Calhoon, Goldie Celestia.....	New Lexington.
Cameron, Sylvia Marie.....	Cynthiana.
Campbell, Ida Bell.....	Columbus.
Campbell, Mary Euphemia.....	McCormick.
Cannon, Mabel Clare.....	Millfield.
Carleton, Anna Matilda.....	Coolville.
Carleton, Eliza .....	Kingsbury.
Carney, Charles .....	Portland.
Carpenter, Edith Marie.....	Athens.
Carpenter, Mary Maude.....	Albany.
Carr, Anna .....	Newcomerstown.
Carr, Bernice .....	Fremont.
Carter, Luvadelle .....	Johnstown.
Cartmell, Maude .....	Peoria.
Cash, Hamilton La Rue.....	Byesville.
Cassil, Ella Jean.....	Howard.
Caster, Lovina .....	Carpenter.
Chaney, Joanna .....	Murray.
Chappelear, Mary Laurette Burdsall.....	Athens.
Charles, Thurman Porter.....	Republic.
Christman, George Washington.....	Murray.

Cherrington, Sabina Eleanor.....	Jackson.
Chivers, Florence Clair.....	Buchtel.
Chute, Bernice Fonney.....	Jacksonville.
Clark, Ethel .....	Little Hocking.
Clark, John Francis James.....	Charleston, W. Va.
Clark, Lizzie Edith.....	Hillsboro.
Clark, Marguerite .....	Circleville.
Clester, Stella May.....	Grosvenor.
Clouse, John Henry.....	Junction City.
Coakley, Florence .....	Nelsonville.
Coakley, Mabel .....	Nelsonville.
Conklin, Mary Naomi.....	Coolville.
Conn, Adda May.....	Hemlock.
Conn, Margaret Alta.....	Hemlock.
Connett, Bessie .....	Athens.
Cook, Grace .....	Columbus.
Cooley, Calla Ernestine.....	Athens.
Cooley, John Milton.....	Nelsonville.
Coovert, Edward Alexander.....	Eldorado.
Copeland, Edna Florence.....	Athens.
Copeland, Nellie Elizabeth.....	Athens.
Cotterman, Margaret.....	Somerset.
Coulter, Lewis Eldon.....	Malta.
Coultrap, Harry Mansfield.....	McArthur.
Courtright, Fanny Esther.....	Canal Winchester.
Cousin, Florence Martha.....	Athens.
Cox, Chloe Belle.....	Carbondale.
Cox, Ellis Van Hise.....	Dayton.
Cox, Mary Rebecca.....	Macksburg.
Craig, Olive May.....	Nelsonville.
Cram, Bertha Elizabeth.....	McArthur.
Cranmer, Lucy Aretha.....	Middletown.
Creamer, Charles .....	Businessburg.
Creamer, George Fulton.....	Businessburg.
Creighton, Omar Clark.....	Glenford.
Criswell, Edna May.....	Osnaburg.
Crooks, Mary Kale.....	Savannah.
Crum, Maud Agnes.....	Ashtabula.
Cummings, Eleanor .....	Uhrichsville.
Cummings, Foss .....	Gnadenhutten.
Cushing, Anna Mary.....	Jefferson.
Cutler, Helen .....	Jasper.
Dailey, Martha Maria.....	Albany.
Dains, Wesley Frederick.....	Albany.
Darby, Charles Edwin.....	Columbus.
Davis, Draper Camden.....	Coolville.
Davis, John Bruce.....	Georgetown.
Davis, Weltha .....	Big Run.
De Ran, Zoe.....	Fremont.
Devitt, Celia Loretta.....	Little Hocking.

Devore, Elsie May.....	Holgate.
Dickerson, Harlan Jewett.....	South Zanesville.
Dieterich, Edward Noble.....	Piketon.
Diley, James Monroe.....	Canal Winchester.
Dirlam, Ada Caroline.....	Huntington.
Dirlam, Julia Ella .....	Huntington.
Dixon, James Floyd.....	Jackson.
Doan, Christiana Mabel.....	Cutler.
Donaldson, Leona Victoria.....	Hebron.
Doolittle, Fleda Doris .....	Carbondale.
Doyle, Langdon Earl.....	Senecaville.
Driggs, Bessie Irene.....	Athens.
Druggan, Minnie Elsie.....	Athens.
Druggan, Sarah Alma.....	Athens.
Drumm, Nelle.....	Gnadenhutten.
Duffy, Cletus .....	Junction City.
Dumaree, Edward Louis.....	Mineral.
Dunkle, Herbert Bothwell.....	Athens.
Dunstan, Lola May.....	Granville.
Eachus, Ida .....	Gallipolis.
Eaton, Mary Jane.....	Circleville.
Eddy, Orton Cecil.....	Trimble.
Edgerton, Lulu .....	Todds.
Elbert, Lena Marian .....	Bridgeport.
Elder, Roy Porter.....	New Salem.
Elias, Margaret .....	Wellston.
Elligott, Katherine .....	Ashtabula.
Elson, Delma Viola.....	Athens.
Elson, Harold Altair.....	Athens.
Ely, George Leonard.....	Steubenville.
Erf, George Arthur.....	Monroeville.
Ervin, Ozella .....	Wellston.
Evans, Edith .....	Oak Hill.
Evans, Jennie Eliza.....	Oak Hill.
Evans, Lena .....	Rousseau.
Evans, Mary .....	Athens.
Ewers, Emma Belle .....	Belmont.
Ewers, Mary Elizabeth.....	Belmont.
Eylar, Beryl .....	Cynthiana.
Faris, Lillie Anne.....	Lynchburg.
Farrar, Leonard Cecil.....	Charleston, W. Va.
Fattig, Perry Wilbur.....	Carroll.
Fawcett, Stella C.....	Bellaire.
Feddersen, William Henry.....	Limestone.
Feisley, Carrie Ora.....	Clarington.
Fishel, Florence Beryl.....	Pleasant City.
Fleming, Lucy E.....	Amesville.
Flinn, Nora Ethyl .....	Latrobe.
Flowers, Mary Agnes.....	New Lexington.
Ford, Mary Edith.....	Athens.

Forsythe, Dora Arvesta.....	Sidney.
Forward, Elizabeth Lynn.....	Plantsville.
Foster, Franklin Pierce.....	Lilly Chapel.
Franz, Richard Conrad.....	Hannibal.
French, Carrie .....	Jackson.
Fry, Pearl .....	Walhonding.
Frye, Lola .....	Millersport.
Fullerton, Clark .....	Lucasville.
Funk, Agnes Mary.....	Nellie.
Gable, Julia Louisa.....	Fremont.
Gale, George Hayes.....	Newport.
Games, Otis .....	Atlanta.
Gamper, Hedwig .....	Columbus.
Gatten, Bertha Collins.....	Clarksburg.
Gatten, Lloyd Burton.....	Clarksburg.
Garman, Guy Feb.....	Hudson.
Gibbs, Myrta .....	Carpenter.
Gibbs, William Edward.....	Bolin's Mills.
Giese, Julia Etta .....	Smithfield.
Gilbert, Ella .....	New Carlisle.
Gilbert, Ina .....	Stella.
Gillett, Ethel Ida.....	Athens.
Gillett, Kittie Rea.....	Athens.
Gleason, Helen Celia.....	Athens.
Glenn, Grace Pearl.....	Rainsboro.
Goldsberry, Blaine Randolph.....	Athens.
Gordon, Josephus Malcom.....	New Lexington.
Gray, Corinne Sutton.....	Kenton.
Green, Alice Roberta.....	Powhatan Point.
Greenman, Mabel .....	Milan.
Grimes, John Odus.....	Cumberland.
Grimm, Maude Sophia.....	Buchtel.
Grissinger, Lucy Bertha.....	Sullivan.
Gross, Carl Lenox.....	Athens.
Gross, Haidee Coral.....	West Unity.
Hall, Elizabeth Henderson.....	Marietta.
Hall, Jesse Charles.....	Mountville.
Hall, Loring .....	Portland.
Hall, Maggie Mills.....	Beaumont.
Hamilton, Maude Leota.....	West Rushville.
Hamilton, Paul Ibbotson.....	Brownsville.
Hancock, Ethel May.....	Granville.
Haning, Alma Marie.....	Athens.
Harman, May .....	Sardis.
Harley, Helen Elizabeth.....	Defiance.
Harper, Edith .....	Hamden Junction.
Harper, Lamar Seeley.....	Wheelersburg.
Harter, Elizabeth .....	Marietta.
Hartman, Mabel Clair .....	Napoleon.

Hatch, Henry Arlow.....	Athens.
Haungs, Katie Mary.....	Hamilton.
Hawk, Gertrude .....	Gallipolis.
Hawk, Helen Marie .....	Athens.
Hawk, James Finly.....	Petrolia, Pa.
Hawk, Lenna May.....	Sargent's.
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Civil Engineering .....	26
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College of Music.....	297
Summer School .....	656
<hr/>	
Total .....	2,160
Names counted more than once.....	841
<hr/>	
Total .....	1,319

**GENERAL SUMMARY OF STUDENTS BY TERMS**

	1904-5	1905-6	1906-7
Spring Term .....	387	494	544
Summer Term .....	557	650	656
Fall Term .....	358	466	491
Winter Term .....	345	429	462
<hr/>		<hr/>	<hr/>
Total number of students, counting no name more than once .....	1,047	1,272	1,319

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# Ohio University Bulletin



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Hon. Rufus Tompkins . . . . .	Columbus . . . . .	1908
Governor Andrew L. Harlan . . . . .		Ex-Officio
President Alston Ellis . . . . .		Ex-Officio

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### Officers of the Board

Alston Ellis . . . . .	President
H. A. Manning . . . . .	Treasurer
Isaac N. Power . . . . .	Secretary and Auditor

CATALOGUE  
OF  
OHIO UNIVERSITY  
ATHENS, OHIO

1907-1908

AND  
CIRCULAR OF INFORMATION

FOR

1908 - 1909

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PUBLISHED BY THE UNIVERSITY

1908

*"Religion, morality, and knowledge, being necessary to good government and the happiness of mankind, schools and the means of education shall forever be encouraged."*

Article 3, Ordinance of 1787.

*"Under this statute (Ordinance of 1787) the Ohio Company, organized in Boston the year before as the final outcome of Rufus Putnam's proposed colony of officers, bought from the government five or six millions of acres, and entered on the first great movement of emigration west of the Ohio. The report creating the colony provided for public schools, for religious institutions, and for a university.*

THOMAS W. HIGGINSON.

*"We are accustomed to praise the lawgivers of antiquity; we help to perpetuate the fame of Solon and Lycurgus; but I doubt whether one single law of any lawgiver, ancient or modern, has produced effects of more distinct, marked, and lasting character than the Ordinance of 1787. \* \* \* It was a movement of great wisdom and foresight, and one which has been attended with highly beneficial results and permanent consequences. \* \* \* It set forth and declared it to be a high and binding duty of government itself to support schools and advance the means of education."*

DANIEL WEBSTER.

*"That there shall be an University instituted and established in the town of Athens \* \* \* for the instruction of youth in all the various branches of the liberal arts and sciences, for the promotion of good education, virtue, religion, and morality, and for conferring all the degrees and literary honors granted in similar institutions."*

Section 1, Territorial Act, January 9, 1802.

*"Whereas, Institutions for the liberal education of youth, are essential to the progress of arts and sciences, important to morality, virtue, and religion, friendly to the peace, order, and prosperity of society, and honorable to the government that encourages and patronizes them, etc."*

Preamble, Act of Ohio Legislature Establishing the Ohio University, at Athens, February 18, 1804.

OHIO UNIVERSITY  
AND  
THE STATE NORMAL COLLEGE

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**FACULTY**

ALSTON ELLIS, PH. D., LL. D.,  
*President.*

EDWIN WATTS CHUBB, LITT. D.,  
*Dean of the College of Liberal Arts, and Professor of Rhetoric and English Literature.*

HENRY G. WILLIAMS, A. M.,  
*Dean of the State Normal College, and Professor of School Administration.*

ELI DUNKLE, A. M.,  
*Registrar of the University, and Professor of Greek.*

FLETCHER S. COULTRAP, A. M.,  
*Principal of the State Preparatory School.*

DAVID J. EVANS, A. M.,  
*Professor of Latin.*

FREDERICK TREUDLEY, A. M.,  
*Professor of Philosophy and Sociology.*

WILLIAM HOOVER, PH. D., LL. D.,  
*Professor of Mathematics and Astronomy.*

ALBERT A. ATKINSON, M. S.,  
*Professor of Physics and Electrical Engineering.*

HENRY W. ELSON, PH. D., LITT. D.,  
*Professor of History and Political Economy.*

OSCAR CHRISMAN, A. M., PH. D.,  
*Professor of Paidology and Psychology.*

WILLIAM FAIRFIELD MERCER, PH. D.,  
*Professor of Biology and Geology.*

WILLIAM B. BENTLEY, PH. D.,  
*Professor of Chemistry.*

LEWIS JAMES ADDICOTT, B. S.,  
*Professor of Civil Engineering.*

P. A. CLAASSEN, A. B.,  
*Professor of Modern Languages.*

FRANK P. BACHMAN, A. B., PH. D.,  
*Professor of the History and Principles of Education.*

HIRAM ROY WILSON, A. M.,  
*Professor of English.*

EDSON M. MILLS, A. M., PH. M.,  
*Professor of Mathematics.*

CHARLES M. COPELAND, B. PED.,  
*Principal of the Commercial College.*

JAMES PRYOR MCVEY,  
*Director of the College of Music.*

WILLIAM F. COPELAND, PH. M., PH. D.,  
*Professor of Elementary Science.*

EDWIN TAUSCH, PH. D.,  
*Assistant Professor of French and Spanish.*

JAMES C. JONES, V. S.,  
*Director of Athletics.*

ARTHUR McFARLAND,  
*Field Athletics.*

EMMA S. WAITE,  
*Principal of the Training School.*

CONSTANCE TRUEMAN McLEOD, A. B.,  
*Principal of the Kindergarten School.*

EDGAR ERVIN,  
*Field Agent.*

CHARLES H. BRYSON,  
*Alumni Secretary.*

MARY ELLEN MOORE, A. B.,  
*Instructor in Latin and English.*

CLEMENT L. MARTZOLFF, B. PED.,  
*Instructor in History and Geography.*

MARGARET EDITH JONES,  
*Instructor on the Piano and in Harmony.*

NELLIE H. VAN VORHES,  
*Instructor on the Piano and Virgil Clavier.*

CLARA BANCROFT,  
*Instructor in Voice-Culture.*

MINNIE L. CUCKLER,  
*Instructor on the Piano and Organ.*

JOHN N. HIZEY,  
*Instructor on the Violin.*

MABEL B. SWEET,  
*Instructor in Public-School Music, and Dean of Women's Hall.*

MARIE LOUISE STAHL,  
*Instructor in Drawing and Painting.*

MARY J. BRISON, B. S.,  
*Instructor in Drawing and Hand-Work.*

LOUISE KING WALLS, B. O.,  
*Instructor in Elocution and Physical Culture.*

MABEL K. BROWN, PH. B.,  
*Instructor in Stenography.*

MINNIE FOSTER DEAN,  
*Instructor in Typewriting.*

EUGENE FRANKLIN THOMPSON,  
*Stenographer, President's Office.*

ALDIS A. JOHNSON, PH. B.  
*Instructor in Biology.*

GEORGE E. McLAUGHLIN,  
*Instructor in Physics and Electricity.*

GEORGE C. PARKS, PH. B.,  
*Instructor in Penmanship.*

RHYS DAVID EVANS,  
*Instructor in Physics.*

FRANK PORTER,  
*Instructor in Chemistry.*

CHARLES G. MATTHEWS, PH. M.,  
*Librarian.*

LENORA BELLE BISHOP, PH. B.,  
*Assistant Librarian.*

LILLIE A. FARIS,  
*Critic Teacher, First-Year Grade.*

AMY M. WEIHR, PH. M., B. PED.,  
*Critic Teacher, Second-Year Grade.*

OLIVE A. WILSON,  
*Critic Teacher, Third-Year Grade.*

WINIFRED L. WILLIAMS,  
*Critic Teacher, Fourth-Year Grade.*

MARGARET A. DAVIS,  
*Critic Teacher, Fifth-Year and Sixth-Year Grades.*

#### FACULTY COMMITTEES, 1908-1909\*

REGISTRATION, CLASSIFICATION, AND DEGREES.  
*Dunkle, Williams, C. M. Copeland, Treudley, and Atkinson.*

#### RULES AND REGULATIONS.

*Atkinson, Bachman, Bentley, Coultrap, and Mills.*

\* The President of the University has membership in each committee.

## COURSES OF STUDY.

*Evans, Williams, Mercer, Bachman, and C. M. Copeland.*

## SUMMER SCHOOL.

*Williams, W. F. Copeland, Mills, Coultrap, and Dunkle.*

## LIBRARY.

*Chubb, Treudley, Elson, Chrisman, and Bentley.*

## STUDENT WELFARE.

*Treudley, Stahl, Atkinson, Elson, and Addicott.*

## STUDENT ORGANIZATION.

*Hoover, Addicott, Evans, Chrisman, and Tausch.*

## PUBLIC EXERCISES.

*McVey, Chubb, Bachman, Waite, and M. E. Jones.*

## ATHLETICS — GYMNASIUM.

*Wilson, J. C. Jones, Mercer, Dean, and Moore.*

## SPECIAL CASES OF DISCIPLINE.

*Bentley, Atkinson, Martzolff, Treudley, and Claassen.*

## TRAINING SCHOOL.

*Waite, Williams, McLeod, Bachman, and Mary J. Brison.*

## WOMEN'S HALL.

*Sweet, Brown, Dean, Bancroft, and Cuckler.*

## RECOMMENDATIONS FOR EMPLOYMENT.

*Williams, Chubb, Waite, Coultrap, and Mills.*

# GENERAL INFORMATION

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## OHIO UNIVERSITY

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### ORIGIN OF THE UNIVERSITY

The existence of the Ohio University was provided for as early as 1787, in the purchase of lands made from the Government of the United States by the Ohio Company of Associates. By the contract between these two parties, two townships of land were set apart for the purpose of a University, and placed under the care of the Legislature of the State. The University was organized under an act of the Legislature passed February 18, 1804. Its Trustees are appointed by State authority, and the Governor of the State is, *ex-officio*, a member of the Board. Recent legislation confirms the position of the University as one of the educational wards of the State of Ohio. State support gives the institution an annual revenue of about \$90,000. Other sources of income swell the amount above named to over \$105,000. Special appropriations for buildings (1906-1907) amounted to \$129,250.

### LOCATION

Athens, the seat of the University, is situated in the southeastern part of the State. It is easily accessible from the east and west by the Baltimore & Ohio Southwestern railroad and its branches; from the southern, central, and northern portions of the State by the Hocking Valley and the Toledo and Ohio Central railways. By these routes it is about one hundred and sixty miles from Cincinnati and seventy-five miles southeast from Columbus. The sanitary arrangements of the town are unsurpassed. Its principal streets are paved; it is provided with waterworks and sewerage; its Board of Health is vigorous and efficient. There

are few towns in the country that are more desirable as a place of temporary or permanent residence than Athens.

The lover of natural scenery cannot fail to be charmed with its picturesque surroundings. The winding valley of the Hockhocking and the wooded hills beyond present a series of striking views from the University, while the wide prospects, as seen at certain seasons from some of the neighboring summits, are seldom surpassed in quiet and varied beauty.

The University buildings are located in a beautiful campus. They occupy a slight elevation extending east and west across the grounds, fronting the north. Before them lies a park of about five acres containing a grove of fine forest trees and skirted along its northern limit by a row of magnificent elms. Beyond these sentinel trees extends a greensward sloping beautifully to the street. In front of the line at the northwest angle, stands an elegant soldiers' monument. When this park is lighted up at night by electricity it presents a charming view. The remainder of the campus, which is in the rear of the buildings, is devoted to recreation.

## BUILDINGS

The University buildings are ten in number. Eight of them are grouped on the highest ground of the campus.

**The "Central Building"** was erected in 1817, and is the oldest college edifice northwest of the Ohio river. This venerable structure is dear to many by strong and tender associations, and to many more by means of eminent men who have here studied and taught. It has been modernized and is admirably adapted to its uses for college work.

**"Ewing Hall,"** named in honor of Hon. Thomas Ewing, of the Class of 1815, is a handsome building in which may be found the assembly room, art rooms, various class-rooms, and the administration offices.

**"Ellis Hall,"** the new building occupied by the departments of the State Normal College, now five years in use, is the only building in Ohio, erected at state expense, given up wholly to the training of teachers for service in the public

schools. It is one of the largest, best, and most costly buildings on the grounds.

The "Carnegie Library," now fully equipped and in running order, is situated in the southwest corner of the campus. It presents a fine appearance, and suggests the highly practical service it is rendering the educational work of the University. Within the last two years about six thousand new books have been placed upon the library shelves.

The buildings known as the "East Wing" and the "West Wing" are nearly as old as the Central Building. They afford class-room and laboratory facilities for certain departments of instruction as well as comfortable quarters for a number of students.

"The Old Chapel," so called, stands apart from the other buildings. Some of the work of the College of Music is carried on in this building. Here the Athenian and Philomathean literary societies have commodious and well-furnished rooms. On the first floor is an assembly room often used when narrower quarters than those found in the assembly room of Ewing Hall are desired.

"Women's Hall" is located nearly opposite the north entrance of the campus. It is a fine, commodious brick structure, heated by steam, where convenient and pleasant rooms are occupied by a Dean, a Matron, and thirty women students. The dining-room and kitchen are clean and well furnished.

"Boyd Hall," the new dormitory for young women, is located near Ellis Hall and the Carnegie Library. It has a frontage of 150 feet on Park Place and a depth of 100 feet.

The building is heated by steam and lighted by electricity. Each bed-room is well-lighted and has ample closet space. In all, accommodations are provided for eighty-eight students and, in addition to these, rooms are provided for the maids and servants.

In addition to the wide stairway in the central portion, there is also a stairway in each end of the building, thus providing every possible means of escape in case of fire.

The "Central Heating Plant," constructed at a cost of \$32,000, is now completed, and in good running order. Ulti-

mately this building will be made as large again and with it will be connected the University Electric Light Plant now occupying basement quarters in Ewing Hall and the Old Chapel. It is intended that every building on the University campus shall get its heat from this Central Plant.

### **RESIDENCE AND COST**

All young women who are not residents of Athens are required to reside in Boyd Hall or Women's Hall, unless the rooms are all occupied. Only in special cases will exceptions be made. This regulation has been adopted with a view solely to the best interests of the young women themselves, and not with any purpose to restrict them in the enjoyment of every legitimate privilege. It is the aim of the management to make these quarters as attractive and pleasant as possible, and at the same time to keep the cost as low as is consistent with the accommodations provided. The cost of room and board is from \$3.50 to \$3.75 per week, according to the size and location of the room. Everything is furnished except soap and towels. About one hundred and twenty young women can be received.

### **LIBRARY AND READING ROOM**

In the study of Literature and History the most important aid, in addition to a good teacher, is a large stock of well-selected books. In this respect the Ohio University is liberally provided. The University and Society libraries contain about 27,000 volumes, a large part of which are of recent purchase. In addition to the books of a general character, the private libraries of the professors, which contain works of a more special character to the number of several thousand, are also accessible, under certain limitations, to the students. The reading-room furnishes access to the latest contributions on all topics under current discussion. Some of the largest works are not only useful for reference, but also for purposes of original investigation.

It is the special aim of the managers of the Library to acquire as rapidly as issued all the leading works bearing on Pedagogy, whether in German, French, or English. A large

number of works on this topic and the history of education is already on hand. The Library is so managed as to be accessible every day. The reading-room, in which are placed most of the reference books, and all the periodicals, is accessible at all times. The reading of well-chosen books not only tells the student what others have thought in every department of knowledge, but likewise stimulates him to think for himself. A good library is of itself a university.

### APPARATUS AND CABINET

The departments of Mathematics, Astronomy, Psychology, Physics, Chemistry, Biology, Electrical Engineering, and Civil Engineering are well-equipped with valuable apparatus, which is put at the personal disposal of the student. The subjects are illustrated upon the lecture-table, but it is insisted upon that a student really enters upon possession of his knowledge only when he has acquired skill in carrying on laboratory experiments by himself under the supervision of the professor.

The large Biological Laboratory has been filled up with appliances suitable for pursuing extensive courses of study in the various departments of Biology, the selections being made with a view to furnishing each student with such apparatus, reagents, etc., as are necessary for independent work. To this end more than seventy microscopes have been provided and many duplicates of other appliances are at hand. Excellent histological apparatus is in use for freezing and sectioning, and the laboratory is also well-equipped for embryological and bacteriological work.

The cabinet affords important aid in the study of Mineralogy and Geology.

In the Department of Physics, besides balances, specific gravity apparatus, pulleys, centrifugal devices, pumps, barometers, manometers, pendulums, and a great deal of other apparatus for the demonstration of the principles and laws of mechanics, etc., there are: a set of mounted tuning forks for bows, a complete set of electromagnetic forks of various pitches, sonometers, siren, pipes, etc., for work in sound; lenses, prisms, mirrors, polariscopes, spectrom-

eter, diffraction gratings, projecting lantern, cameras, etc., for light; radiometers, thermometers, calorimeters, and other apparatus for heat; and a very good equipment for dynamos, motors, calibrating and measuring instruments, resistances, galvanometers, condensors, magnetometers, induction coils, batteries, Wheatstone bridges, various forms of reversing switches and keys, electrometers, standard cells, electro-dynamometers, and a great deal of other apparatus suited to the general demonstration of the subjects of electricity and magnetism, and to the requirements of the electrical course outlined elsewhere in this catalogue. In addition to this there is ample equipment for individual laboratory work in both the beginning and advanced courses.

The Chemical Department occupies the entire second floor of the Central Building. The lecture room has been enlarged and remodeled and will now accomodate about sixty students. It is supplied with a stereopticon and the necessary conveniences for using it in connection with lectures. The rear seats are elevated so that all have a favorable opportunity to see the lecture experiments. The laboratories have been refitted with new and modern desks on which gas and water are supplied to each student. There are three laboratories—a general laboratory with lockers for forty-eight students, a qualitative laboratory with thirty-two lockers, and a quantitative laboratory in which sixteen students can be accommodated. Each student is supplied with a locker containing all apparatus necessary for his use; and he is required to pay only for that which is broken. In connection with the qualitative laboratory is a balance-room supplied with analytical balances.

In the Department of Paidology and Psychology a laboratory has been established. Rooms set apart for this department have been equipped with furniture and apparatus such as are needed for experimental work in these sciences. This equipment has been carefully made with the end in view of having a laboratory well arranged for carrying on both elementary and advanced work.

The Department of Mathematics and Civil Engineering is well equipped with the best modern appliances for carrying on the wide range of work offered. Fine sets of surveying

instruments of the most approved kind are used by the students in field work under the direction of the Professor of Civil Engineering.

The Department of Elementary Science — Normal College — occupies most desirable quarters on the third floor of Ellis Hall. The Department is not a year old, yet it has a large equipment of well-selected apparatus and illustrative material costing several thousand dollars.

The Art Departments — University and Normal — occupy large, well-lighted suites of rooms with equipments of an up-to-date character. Facilities for carrying on the special work of these departments are of the very best.

#### MAPS, CHARTS, ETC.

Excellent sets of maps, chiefly those of Kiepert and others, published by Rand, McNally & Co., intended to illustrate the physical features and political changes of the historical countries of Europe and the East, have lately been added to the equipment of the institution. These, in addition to those before on hand, afford an important and well-nigh indispensable aid to the study of history and geography. The outfit in this regard is believed to be unusually complete.

Wall and port-folio pictures, and hundreds of lantern slides, form an important part of the equipment of many of the departments of the University.

#### ADMISSION AND DISCIPLINE

Entering the University will be considered a pledge to obey its rules and regulations. These are few and simple, appealing to the students' self-respect and sense of personal responsibility. Persons of known bad character or of lazy habits are not wanted, and will not be retained unless they show a decided desire to reform. Students from other colleges must present certificates of honorable dismissal.

Ohio University recognizes and gives full credit to the classification of high schools made by the State Commissioner of Common Schools. Graduates from high schools of the *first* grade can enter the Freshman class of the University or the State Normal College *without examination*, ample oppor-

tunity being given them to make up required work in which they may not have reached full college standing. Graduates of high schools of the *second* grade can enter the third year of some one of the courses of the State Preparatory School.

Graduates from a first-grade high school, *English Course*, can enter the Freshman year of the course leading to the degree of Bachelor of Philosophy, with the understanding that they must take three years' work in Latin with college credit therefor.

In requirements for admission to the Normal College, and to the Scientific Course in the College of Liberal Arts, modern languages may be substituted for Latin. Graduates from the English Course of a first-grade high school have the same privilege of substitution in regard to Latin as in the course leading to the Ph. B. degree.

In all cases where students seek to enter any of the colleges or departments of the University, without examination, a "Certificate of Application for Admission," stating the subjects satisfactorily passed in the high-school course and signed by the local superintendent of schools or principal of the high school, must be presented. Certificates, enabling prospective students to comply with the conditions herein stated, will be sent to all applying for them.

Candidates for advanced standing are, in all cases, examined to ascertain their thoroughness and proficiency; but certificates from other institutions will be accepted for the amount of work done in the different departments.

In exceptional cases students are admitted to classes for a week on trial, without examination, provided the professors in charge are reasonably certain that they can maintain their standing.

Women are admitted to all departments of the University on the same terms and under the same conditions as those prescribed for men.

A record is made of the daily work of each student. When the standing of the student, as shown by this record and examination, falls below an average grade of 70 per cent., he must review the study. A record is also kept of each student's deportment. A low standing in either record is fol-

lowed by private admonition, and notice is given to the parent or guardian.

Whenever the conduct of a student is such as to indicate that he is unfit to be a member of the University, either because of immorality or because of habitual neglect of his college studies, he will be requested to withdraw. But in the latter case, his parents will first be notified, and if he is not withdrawn within a reasonable time, he will be dismissed.

All worthy young men and women can secure a college education if they very much desire it. If preparation for admission to a college class can not be made at home it can be secured in the Preparatory School connected with the University and the Normal College. Students with limited supply of money can work and study, taking longer time for the completion of a course, and in the end, and with honor, attain graduate rank.

The surest guaranty of success is an honest and a determined effort to succeed. If the student has learned nothing more during the years spent in college than how to study and how to investigate any subject of which he takes hold, no matter how meager his knowledge may be at the start, he will be able to enlarge it with astonishing rapidity. His time thus spent, whether it be measured by terms or years, will have been wisely employed. Our age is sadly in need of men and women who have such a preparatory training for life's duties.

### **RELIGIOUS INFLUENCE**

Students are required to be present at general exercises in the chapel every morning, unless excused by the faculty, and to attend public worship on the Sabbath; but the choice of the place of attendance is left with the student or his parents. A students' prayer meeting is held once a week, at which attendance is optional. The University is not sectarian, and no effort is made to inculcate the doctrines of any particular creed or denomination; but the utmost care is taken to promote sound and healthy religious sentiments. We feel sure that nowhere do these matters receive more careful attention.

The founder of the Ohio University believed that "reli-

gion, morality, and knowledge are necessary to good government and the happiness of mankind"; and it has been the steady purpose of those to whom has been entrusted the duty of carrying out his plans to insist on the intimate relation existing between the three. The good man, the good citizen is not he who is best informed, but he who is constantly inspired with the thought that his knowledge should be used for the good of his fellow-men. Knowledge without virtue is a curse and not a blessing. It is the constant policy of both Trustees and Faculty to inspire students with the love of knowledge, and with desire to practice religion and morality. Accordingly only those persons are invited to profit by the means of instruction here placed within their reach, who are willing to conform their conduct as far as possible to the teachings of the Bible. We expect students who have spent some time with us to depart not only wiser, but also better, than they came. If such is not the case it will not be for want of care on the part of the Faculty.

### **YOUNG PEOPLE'S CHRISTIAN ASSOCIATIONS**

Both the Y. M. C. A. and the Y. W. C. A. have flourishing organizations connected with the Ohio University, and a large proportion of the students are members of one or the other. These hold meetings weekly or oftener, provide lectures on religious or Biblical topics, and take an active interest in promoting the spiritual, moral, and intellectual welfare of the entire student body. The management of the University is in hearty sympathy with these organizations and does all that is possible to aid them in their work.

The Y. W. C. A. has a rest room on the first floor of the Central Building, and has an assembly room on the second floor of the West Wing.

The Y. M. C. A. has a basement room, with seating capacity for two hundred people, in the well-lighted Carnegie Library.

All these rooms are well furnished, presenting a home-like and an inviting appearance.

## FEES

There is no charge for tuition in any of the regular preparatory or collegiate classes, but all students pay a registration fee of five dollars per term, three terms per year.

All fees named are for *each* of the three terms of the college-year. For full statements regarding the work of the College of Music and the Commercial College, and the fees charged, see special announcements elsewhere. Instruction in Drawing and Vocal Music, in classes, is free to all students whose registration fees have been paid. The fee in Painting is ten dollars each term.

The regular fee in Chemistry is one dollar per term, and in Electrical Engineering and Civil Engineering fifty cents per term, to cover the cost of materials used. To this should be added a small charge for breakage—to careful students usually not more than a few cents. After the second term in Chemistry the regular fee is two dollars per term.

*All fees must be paid within the first thirty days of the term. No exception can be made to this regulation.* The registration fee must be paid when the student enters.

## EXPENSES

Board and lodging can be obtained within a reasonable distance of the University at \$3.50 per week. By forming clubs, students may board at from \$2.25 to \$2.50 per week. Those students whose circumstances require it, are allowed to board themselves, by which means their expenses may be still further reduced; but this plan is not recommended, because likely to be prejudicial to health and good scholarship.

The actual cost of an education at the University will depend very much upon the disposition and habits of the students. The necessary cost is very low—as low as that of any institution affording equal advantages. It is earnestly recommended to parents not to furnish their sons or daughters with extravagant means. The scholarship and character of a student are often injured by a free indulgence in the use of money. Whatever is beyond a reasonable supply ex-

poses him to numerous temptations and endangers his success and respectability.

As persons frequently wish to know, as nearly as may be, the cost of a student for one year at the Ohio University, the following estimates are here given.

LOWEST.	HIGHEST.
Registration fee .....	\$15 00
Board in clubs, average...	95 00
Room .....	30 00
Books .....	15 00
Laundry .....	20 00
Incidentals .....	10 00
	<hr/>
	\$185 00
	<hr/>
	\$235 00

This estimate is for three terms or forty weeks, and includes all necessary expenses. The additional charges for students who take electives in Chemistry and Electricity and for those receiving special instruction in Music, Painting, Elocution, and certain Commercial branches are elsewhere noted.

### SELF-HELP

It is the glory of Ohio University that she does not shut any of her doors against the poor boy or girl. The munificence of the State of Ohio furnishes her sons and daughters with the educational facilities that once were deemed the prerogatives of the children of the rich.

Four young ladies recently formed a "Self-Boarding Club" and demonstrated that it is possible to have wholesome food, in ample measure, at a cost of one dollar per week for each person.

At the present time there are at least sixty Ohio University boys making their boarding expenses, many of them are making more. There are twenty-five boys earning their meals by acting as waiters in restaurants and other boarding places. Ten boys earn their board by running boarding clubs. Eight boys are earning from \$6.00 to \$15.00 per month apiece by acting as janitor for different club rooms and churches in town. Still there are numerous others earning from a few cents a week up to a good salary by doing all kinds of work,

such as reporting for the papers, collecting laundry, acting as agents for different firms, clerking in different stores, and doing odd jobs for the town people. These are a few of the ways an energetic student can help himself through school. These positions are changing hands two or three times a year, that is, the most of them are, and if one is on the lookout he can soon get a good place.

Said a student recently : "I have been at Ohio University for two years and to me this is the place for the poor boy. It is a place where one can get the benefit of large appropriations made by the State for running the school; where almost all we spend is for our living expenses, which are as cheap, if not cheaper, than any place else; where the classes are comparatively small on account of the large faculty; where the location is very healthful, landscape beautiful, and the water is as pure as can be found anywhere."

If anyone feels he cannot afford an education, let him remember that the students here who are working their way through school are the ones that stand at the head of their classes, and are the leaders in school. One boy, who was teaching in a country school, wisely made up his mind he wanted an education. He started in college and after five years of college work received his diploma. He was teaching for \$40 before, now he gets more than twice that to start on.

### METHODS OF INSTRUCTION

Instruction is given both by recitation and lecture. The constant aim in both is to awaken interest in study, to aid in the acquisition of knowledge, and to develop the power of thought and communication.

Some subjects can be better treated in lectures than others. The knowledge the student has of a subject is likewise a factor that is taken into account. The lecture method is generally better adapted to advanced students than to those who are still in the elements. After the elementary principles have been thoroughly mastered from the text-book, supplemented with such elucidations as seem to be called for, the student is generally prepared to profit by the lectures of the teacher, and to grasp the wider outlook that is the result of a

knowledge of a subject rather than of the contents of any single book, or even of several books. In the observational studies the learner is, as far as possible, brought face to face with the objects themselves under consideration. The classes in Botany, Geology, and Elementary Science make excursions into the surrounding country for the purpose of collecting specimens and deriving scientific knowledge from original sources. The classes in Surveying and Mensuration have practice in the use of instruments in field work.

### COURSES OF STUDY

Such courses of study have been adopted as experience has proved to be best adapted to the purpose of liberal education. The Classical course, in fullness and matter, will compare favorably with that of the best institutions. The Philosophical course is so arranged as to meet the wants of those who may prefer to study modern languages and English branches instead of Greek, for which French, German, and English are substituted. In the Scientific, prominence is given to Mathematics and the Physical Sciences.

The Normal College courses are intended to fit students for the profession of teaching. A fuller statement of their aims and methods will be found in another part of this catalogue.

Those who are able to attend for a short time only, may take a select course, provided the studies they wish to pursue are such as they are qualified to enter upon with advantage. But no student will take a study to which he has not been assigned or discontinue a study, without permission obtained from the Faculty.

### ELECTIVES AND SPECIAL WORK

Each student in a regular course will be required to take at least fifteen class exercises per week, and no student will be permitted to take more than eighteen, unless some of the studies are *review* work, except on permission of the Faculty. This permission will be given only on the written request of the student. Students in any one of the courses can select subjects in any one of the others below the class to which

they are assigned, but not above, except on approval of the Faculty, who must be convinced that they have had sufficient preliminary training to pursue the elected study with advantage. As will be seen, about half the subjects after the Freshman year are elective. But in addition to these a large number of others are offered for the benefit of those persons who wish to specialize still further along particular lines. It needs to be noted, however, that they are not offered unconditionally. Regard will be had to the time at the disposal of the teachers and to the number of students taking any particular elective, as well as to their preliminary training. In all cases where a student's knowledge of English is defective, he must pursue this branch until his deficiencies are made up.

During the past few years a number of students, both undergraduate and post-graduate, have pursued advanced studies on special lines. With the recent increase in the number of Faculty a large number of students can be accommodated and in a larger number of branches.

No work *in absentia* will be allowed at Ohio University. Not more than two hundred hours' work, in addition to that of the three regular terms, may be taken by any student in the course of one year, and that only in the Summer, between Commencement and the opening of the next Fall Term.

## DEGREES

The Bachelor's degree (A. B., Ph. B., B. S., or B. Ped.) is conferred upon students who have completed any one of the four courses laid down in another part of this catalogue. The fee for diploma is five dollars.

The Master's degree (A. M., Ph. M., M. S., or M. Ped.) will be conferred upon graduates of this or any other college who give evidence to the Faculty that they possess such literary and scientific attainment as will make them worthy recipients of it, and have, in addition, furnished a thesis after one year's work in residence. The fee for this degree is ten dollars.

No degree will be conferred until all dues are paid.

**THE EMERSON PRIZE POEM FUND**

The late W. D. Emerson, of the class of 1833, bequeathed to the Trustees of Ohio University the sum of one thousand dollars, the interest on which is to be awarded every second year to the student or graduate of the institution who shall write the best original poem. The awards have been as follows:

YEAR.	NAMES.
1893.....	Miss Carrie Schwefel.
1895.....	Miss Esther Burns and Mr. John H. Atkinson.
1897.....	Miss Virginia M. Houston.
1899.....	Miss Virginia M. Houston, Mr. John H. Atkinson, and Miss Willa C. MacLane.
1901.....	Miss Willa C. MacLane.
1905.....	Miss Winnifred Richmond.
1907.....	Mr. Harold Edgar Cherrington.

Persons distinguished in the literary walks of the country have served as judges. Among these may be named: Miss Annie Fields, Mr. Maurice Thompson, Mr. E. C. Stedman, Mrs. Margaret E. Sangster, Mr. W. D. Howells, Mr. Clinton Scollard, Mrs. Ella Wheeler Wilcox, Prof. George E. Woodberry, Prof. W. H. Venable, Prof. George P. Baker, Prof. Henry Van Dyke, and Mr. Hamilton W. Mabie.

The thanks of the University authorities are due and are herewith tendered to the distinguished writers, who acted as judges, for the care with which they examined the verses submitted to them as well as for the interest they took in the competition.

For the information of future contestants, and others interested, the conditions of the competition for the Emerson Prize are herewith given:

Amount, about \$100. Date of award not later than the opening of the Winter term, 1909.

The competitors must be either graduates or students in actual attendance at the University.

The poems must be in the hands of the President of Ohio University before the opening of the Winter term, 1909.

The prize will be awarded upon the merits of the production, not its length.

Anyone having, in any contest, been awarded first prize, shall not again be eligible to contest.

The judges shall be three disinterested persons appointed by the President of Ohio University and the Professor of English Literature *ibidem*, who shall independently of each other pass upon the productions submitted to them.

In the preparation of the MSS. the following regulations are to be observed:

Use the typewriter.

Use paper eight and one-half by eleven inches.

Write only on one side.

Mark the MSS. with some pseudonym or character, and send this in a sealed envelope, with your name and address, to the President of the University. This envelope will not be opened until the award of the judges has been made.

### LITERARY SOCIETIES

There are two literary societies in the University, the Athenian and the Philomathean. They occupy well-equipped halls in the former chapel building. The members have opportunity to exercise themselves in Declamation, Composition, and Oratory, and to become familiar with the modes of conducting business in deliberative assemblies. Debating clubs are also formed from time to time by those students who desire to have more extended practice in the public discussion of important questions.

The first annual contest in oratory, between the two literary societies, was held in the Spring term of 1901. Each succeeding Spring term of the college-year has brought a contest of similar nature. The prizes have been as follows: First prize, \$30; second prize, \$20.

The results of the different contests are shown herewith:

YEAR.	FIRST PRIZE.
1901.....	May S. Conner, Philomathean.
1902.....	James P. Wood, Philomathean.
1903.....	Albert J. Jones, Philomathean.
1904.....	Clarence Matheny, Athenian.
1905.....	Harley E. Baker, Athenian.
1906.....	Fred Shaw, Athenian.
1907.....	Malcolm Douglas, Philomathean.

YEAR.	SECOND PRIZE.
1901.....	Lissa Williamson, Philomathean.
1902.....	Adam G. Elder, Athenian.
1903.....	Victor Alvan Ketcham, Athenian.
1904.....	Josephine Caldwell, Philomathean.
1905.....	Floyd S. Crooks, Athenian.
1906.....	Malcolm Douglas, Philomathean.
1907.....	Lewis E. Coulter, Athenian.

YEAR.	THIRD PRIZE.
1907.....	G. C. Morehart, Athenian.

THE "BROWN PRIZE IN ORATORY" — Mr. James D. Brown, a public-spirited citizen of Athens, who has always shown a deep interest in the welfare of the University and a special interest in the oratorical contests, has made provision for prizes to be awarded to the three oratorical contestants winning highest grades as follows:— First prize, \$50.00; Second prize, \$30.00; Third prize, \$20.00. This generous action has stimulated increased interest, among students, in the work of the literary societies.

#### PUBLIC SPEAKING AND ARGUMENTATION

Connected with the Winter-term course in the Department of English, College of Liberal Arts, is provision for a class in "Public-speaking and Argumentation." Near the close of the term, members of the class engage in a public

debate, held in the auditorium of the University. These debates have grown in merit and interest.

"THE GROSVENOR PRIZE"—General Charles H. Grosvenor, an honored citizen of Athens, who for twenty years was one of the leading debaters in Congress, has offered a prize of \$25.00 to the winners of the Eighth Annual Debate to be held in March, 1908. The subject to be debated is: "Resolved, That all large corporations should be controlled by the Federal Government."

### INTERCOLLEGIATE DEBATING

For the year 1908, the University of Cincinnati, the Miami University, and the Ohio University have formed a triangular league for the purpose of debating. On the evening of April 24, the affirmative team of Ohio University will meet the negative of the University of Cincinnati, at Athens, and on the same evening the negative of Ohio University will debate with Miami University, at Oxford. The question is: "Resolved, That the United States Should Adopt the Policy of Promoting the American Merchant Marine by Government Aid."

### FACILITIES FOR PHYSICAL INSTRUCTION

GYMNASIUM—The University has a large gymnasium which has already been equipped with considerable apparatus, and the supply is being increased from time to time. The dressing-rooms are supplied with large lockers for clothing and with hot and cold shower baths. The use of the baths and the gymnasium is free to students. A deposit fee of *one dollar* is required, of each student, as a pledge for the proper care of his locker and key. This fee will be returned to the student, when leaving college, if the key is returned and the locker left in good condition. In the conduct of the gymnasium the aim is not so much the development of a few gymnastic experts as the provision for wholesome exercise for the many. For this purpose regular instruction in light gymnastics is given for both ladies and gentlemen.

ATHLETIC FIELD—The athletic field is a level tract of ten acres, owned by the University, and situated a few minutes'

walk southward from the campus. The field has been equipped especially for base-ball and foot-ball. The campus itself provides room only for tennis courts, and for a small practice ground close by the gymnasium.

**SUPERVISION OF ATHLETIC SPORTS**—The general supervision of athletic sports is vested in a Faculty Committee.

The Advisory Board consists of the officers of the Athletic Association. These boards, under certain regulations, have charge of all financial affairs of the Athletic Association and the arrangement of all intercollegiate games.

The Faculty Committee, composed of five members, has charge of all matters involving the relation of athletic sports to the University; for example, the eligibility of players proposed for any University team and the investigation of charges of misconduct on the part of players. The policy of the committee is to foster the spirit of honor and gentlemanliness in athletics, to suppress evil tendencies, and to see that play shall not encroach too much upon the claims of work.

**REQUIREMENTS AND CREDITS**—All students, from the first Preparatory year to the Sophomore year, inclusive, regularly classified for scholastic work, are required to take at least two periods of gymnastic work each week, from October 1st to May 1st, unless excused by a physician's certificate or by vote of the Faculty Committee on Athletics. Credit is given to students of collegiate rank on the basis of credit for laboratory work, namely, three periods of exercise for one hour of credit, the maximum credit not to exceed ten hours per term.

DETAILED STATEMENT  
OF THE  
Departments of Instruction

RHETORIC AND ENGLISH LITERATURE

PROFESSOR CHUBB.

The aim of the English Department is two-fold, to train the power of expressing thought, and to cultivate an appreciation of literature. In the classes in Rhetoric the main stress is placed upon the actual work in composition done by the student. In the study of Literature the endeavor is to quicken the artistic and æsthetic sense.

The Library is the laboratory of the English Department. In the study of an author different students are assigned different works for reading. Each student then reports, sometimes in an address, sometimes in an essay, upon the results of his reading.

*When studying Literature emphasis will also be placed upon the practice of composition, and in the classes in Rhetoric much attention will be given to the study of Literature.*

Preparatory to College English, the student must have a thorough knowledge of Grammar, and must have completed the following six terms' work or an equivalent:

**PREPARATORY ENGLISH\***

First Term: Composition and Rhetoric.

Second Term: American Literature—selections from Irving, Bryant, Whittier, and Poe.

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\* Much of the Preparatory English is done by the English Department of the State Normal College.

Third Term: American Literature continued—selections from Holmes, Longfellow, Hawthorne, and Lowell.

Fourth Term: English Literature—selections from Shakespeare, Milton, Pope, and Addison.

Fifth Term: English Literature continued—Wordsworth, Coleridge, Carlyle, Burns, and Arnold.

Sixth Term: Composition and Rhetoric—a study of Description, Narration, Exposition, and Argumentation.

#### **The Amount of College English Required for Graduation**

For the B. S. degree, 150 hours' credit.

For the A. B. degree or B. Ph. degree, 198 hours' credit.

### **COLLEGE COURSES**

#### **Fall Term**

1. TENNYSON A study of the Idylls of the King, In Memoriam, The Princess, and some of the shorter poems. Three hours. (Required.)

2. SHAKESPEARE—Julius Cæsar, Macbeth, Hamlet, Othello. These plays will be studied in class. In addition four comedies will be assigned for cursory reading. One lecture a week will be given. Four hours. (Sophomore elective.)

3. COLLEGE RHETORIC—In this work the stress is placed upon paragraph-writing and editorials. Three hours. (Required for all degrees, Sophomore.)

4. HISTORY OF ENGLISH LITERATURE—A text is studied and each member makes a special study of a topic assigned. Four hours. (Junior required.)

Before taking this course, students are required to have read the following English masterpieces: Shakespeare's Hamlet, Macbeth, As You Like It, and Othello; Milton's Paradise Lost, Book I., Lycidas, L'Allegro, and Il Penseroso; Bunyan's Pilgrim's Progress; De Foe's Robinson Crusoe; Swift's Gulliver's Travels; Pope's Rape of the Lock; Goldsmith's Vicar of Wakefield; Burns's Cotter's Saturday Night, The Two Dogs, and Tam O'Shanter; Shelley's Cloud, Skylark,

and Ode to the West Wind; Keats's St. Agnes, Grecian Urn, and Nightingale; Browning's Pippa Passes; Tennyson's In Memoriam and The Princess; Scott's Ivanhoe, Kenilworth, Talisman, or Woodstock; Eliot's Adam Bede, Mill on the Floss or Middlemarch; Dickens's David Copperfield, Pickwick Papers, Oliver Twist, or Old Curiosity Shop; Thackeray's Henry Esmond, Vanity Fair, or The Newcomes; Stevenson's Treasure Island, Master of Ballantræ, or David Balfour.

5. THE ENGLISH BIBLE — This course is offered by several professors. It is open to all. One hour. Given each term.

#### Winter Term

6. EMERSON — The prose of Emerson is studied, also Chubb's "English Words." Three hours. (Freshman elective.)

7. SHAKESPEARE — A Study of the English Historical Plays in chronological order, King John, Richard II., Henry IV., Henry V., Henry VI., Richard III., and Henry VIII. Four hours. (Open to all who have taken the first term in Shakespeare.)

8. PUBLIC SPEAKING AND ARGUMENTATION — This course is to give a training in public speaking, special stress being placed upon argumentation. It is not intended to be a course in formal logic, but a study of the principles of argumentation as used in every-day life. Each student will appear at least once during the term in a public debate given in the University Auditorium. Three hours. (Open to all who have taken Course 3.)

9. BROWNING — A study of his shorter poems. Three hours. (Senior elective.)

#### Spring Term

10. BYRON, KEATS, AND SHELLEY. Three hours. (Freshman elective.)

11. CHAUCER. Three hours. (Sophomore elective.)

12. NINETEENTH CENTURY PROSE LITERATURE — Carlyle, Arnold, and Stevenson are studied in class. Four hours. (Junior required.)

13. THE GREEK DRAMA IN ENGLISH — This course is for those who have no knowledge of the Greek drama in the original. Several of the plays of Aeschylus, Sophocles, and Euripides will be read. The course is open to those having taken the Shakespeare courses. It will alternate with the course in Chaucer. (Elective.) Three hours.

## HISTORY, ECONOMICS, AND POLITICAL SCIENCE

PROFESSOR ELSON

CLEMENT L. MARTZOLFF, *Instructor.*

### **Modern European History**

The growth and development of the great nations of the present time will be studied. Especial attention will be given to the countries of modern times whose history is closely connected with that of the United States. The evident decline of some of the nations of modern Europe will be noted and an attempt will be made to find the reasons therefor.

Some time will be devoted to a study of China and Japan. Fyffe's "Modern Europe," Schwill's "Modern Europe," "World Politics," by Paul Reinsch, Noble's "Russia and the Russians," and the standard text-books on English and French history will be used in 1908-9.

### **United States History**

The importance of the study of United States History in preparing citizens to exercise the duties incumbent upon them as members of the body politic is growing more apparent every year. Therefore the aim of the teaching in this department is so to read the history of the past as to throw light upon present civic and economic problems, and thus aid in their solution. The disciplinary value of the subjects included in this department is kept constantly in view. History is regarded as a record of the social, economic, moral, and political life of the people. Environment, former ideas, and changing industrial conditions are all considered as important factors in determining the course of events. The work of our great leaders in thought and action is studied

carefully in connection with the history of the people. Students are encouraged to investigate the civil and economic questions of the present day with minds as free as possible from partisan prejudice and preconceived opinions.

The standard books in Civics and Economics are studied, and the views therein expressed are freely discussed in the class-room. Government publications, magazine articles, and other valuable material are read for the purpose of obtaining all the light possible upon the subject under discussion as well as to broaden the mental vision of the student. The work for the year 1908-9 is as follows:

#### **Preparatory United States History — Required**

FIRST YEAR: FALL TERM — History of the United States, three hours per week.

WINTER TERM — History of the United States, four hours per week.

SPRING TERM — Civil Government, five hours per week.

#### **Collegiate History — Elective**

FALL TERM — The Colonial Period, and the Formation of the Union, four hours.

WINTER TERM — The Period of Slavery Agitation, four hours.

SPRING TERM — The Civil War and the Reconstructed Nation, four hours.

Elson's *History of the United States* will be used as a guide in the study of the foregoing course.

#### **Special Electives**

FALL TERM — History and Study of the Constitution of the United States, two hours. The Territorial Expansion of the United States, two hours.

WINTER TERM — Seignobos's *Ancient Civilization*, two hours.

Comparative Governments with Woodrow Wilson's *The State* as the text.

**SPRING TERM** — The History of Political Parties, three hours.

In the Special Electives, the Madison Papers, The Federalist, Poore's Constitutions and Charters, American State Papers, Reports of Directors of the United States Mint, the Congressional Globe and Record will be used in connection with the standard histories. The volumes of Bancroft, Rhodes, Von Holst, Schouler, Pitkin, and the American Statesman Series are constantly at hand for reference. Hamilton's, Jefferson's, Clay's, and Calhoun's works are always accessible and often used.

### **Political Economy**

**FALL TERM** — *The Elementary Principles of Economics* to Part III., Chapter IV.

**WINTER TERM** — *The Elementary Principles of Economics* completed.

The work outlined above is required in the Collegiate Department. *The Elementary Principles of Economics* by Ely and Wicker will be the text used. The fundamental principles of the subject will be studied in the first term, followed in the second term by their practical application to the questions of to-day.

### **Elective Economics**

**WINTER TERM** — Advanced Economics, three hours.

**SPRING TERM** — Money and Banking, three hours.

Hadley's Economics will serve as a text-book in the Winter term. F. A. Walker's Political Economy and Marshall's Principles of Economics will be used as references.

"Money and Banking," by Horace White, will be used as a text-book in the work of the Spring term.

**MATHEMATICS AND CIVIL ENGINEERING**

PROFESSOR HOOVER

PROFESSOR ADDICOTT

**Mathematics**

In teaching the pure Mathematics, especial attention is directed to the value of the study as a means of training the logical faculties. Constant stress is laid upon the steps of reasoning which underlie the various processes; and it is insisted that the principal business of the college student of Mathematics is to apprehend these clearly.

**FRESHMAN ALGEBRA** — The continuation of Fisher and Schwatt's *Higher Algebra* used in the preparatory courses and starting with harmonical progression. In addition, the chapters on the binomial theorem, logarithms, permutations and combinations, variables and limits, the parts of Chapter XXXIII. on infinite series which contribute to the determination of the condition of convergency of the expansion of a binomial with any rational exponent, of the exponential and logarithmic series of Chapter XXXVIII., and of recurring series in Chapter XXXVII.; also, the parts of Chapter XXXV. embracing the theorem of underdetermined coëfficients and its application to, at least, the expansion of rational fractions into series, partial fractions, and to finding "the general term"; recurring series, methôd of differences, interpolation, Chapters XXXIX. and XL. on determinants and the theory of equations, all illustrated by the solution of many original exercises. Given in Winter and Spring terms.

**SOLID GEOMETRY** — This is regularly given in the Fall and Winter terms. The latest revised text of Wentworth is used. All the four books are taken, including all the original exercises. Constant attention is fixed upon the ultimate theorems to be established and thus the continuity and logic of the work are made prominent. Exact conception of the locus is distinctly aimed at, and considerable drill in mental work is given.

**PLANE TRIGONOMETRY** — There will be used, in the Spring term, the second revised edition of Wentworth's *Plane Trigo-*

*nometry.* Hussey's mathematical tables will be used. Special emphasis will be put upon the analytical theory, and all parts of the work illustrated by large practice in the application of principles. In calculation the methods of the professional computer will be used.

**SPHERICAL TRIGONOMETRY**—Chauvenet's excellent and standard text is used. About all the text for which the student is, at this stage of his mathematical study, prepared is taken. Special pains is taken in computation.

**ANALYTICAL GEOMETRY**—Nearly all of Nichols's text is taken in the Winter term, special effort being put upon the original exercises. This branch is of great importance to engineering students. It is, besides, one of the most elegant undergraduate branches of study.

**DIFFERENTIAL CALCULUS**—This will be given in the Spring term of the Sophomore year. The whole of this part of Osborne's text will be used.

**INTEGRAL CALCULUS**—This is a continuation of the work of the previous term in Osborne's text, and will be given in the Fall term of the Junior year. The method of limits is the basis of the theory. Extensive drill in integration is given the student that he may acquire skill in this refined and highly useful instrument of investigation.

**APPLIED CALCULUS**—This will begin in the Winter term of the Junior year and will be adapted to the wants of engineering students especially. The text used will be Perry's *Calculus for Engineers*. It will furnish a review of the more directly practical parts of the two preceding terms in Osborne's text.

**ANALYTICAL MECHANICS**—Bowser's text, applying every previous mathematical course of the student, is taken in the Winter term of the Junior year, and affords the best chance of show of ability of the mathematics he has so far had. About three-fourths of this text is taken, most of which relates to Statics and Dynamics.

**COLLEGE ASTRONOMY**—Young's *General Astronomy* is used, most emphasis being placed upon the parts of a more mathematical character. As largely as possible, the student is made acquainted with the methods of the professional astronomer.

**ELECTIVES**—The following are among the electives in recent texts by the best American and British writers: Advanced Theory of Equations, including advanced Determinants; Analytic Geometry of Three Dimensions; Differential Equations; Advanced Statics and Dynamics; Elliptic Functions; Spherical Harmonics; Least Squares; Mathematical Optics, and other mathematical Physics, with Theoretical Astronomy.

### Civil Engineering

Work in Civil Engineering was planned under action taken by the University Trustees in 1904. This course is designed to give students a working knowledge of the subject.

**LIMIT OF COURSE**—The course covers a period of two years. In that time such subjects are considered as will prove most beneficial in active work. Draughting-room and field practice make up the chief part of the course. Enough theory is given to make the work intelligible.

**EQUIPMENT**—The Department has quarters in the building known as the East Wing. Here can be found a classroom, an office, a drafting-room, a laboratory and instrument room, and a cement-testing laboratory. The laboratory contains five No. 1 transits, two Gurley 8-inch mining transits, two Ulmer 11-inch transits, and a Buff and Berger 11-inch transit. Also there are an Ulmer 18-inch Y-level, an Ulmer 14-inch Dumpy level, and two Gurley 20-inch Y-level; also a Gurley Plane table, a Gurley compass and numerous other instruments essential to field work, such as tapes, leveling rods, range poles, hand levels, etc. The drafting room has thirty-two large tables with cabinets for drawing boards, paper, instruments, etc. It also contains two large mapping-tables for platting all surveys, a large blue-print frame and a washing tray, for making blue prints. The cement-testing laboratory is equipped with the most modern and improved apparatus. It contains a Fairbanks improved testing-machine, the Vicat, Gilmore's needles, moulds, sieves, etc. New instruments and apparatus will also be added as convenience and necessity require, and every effort made to keep the Department up to date in every particular.

**REFERENCE WORKS**—The leading periodicals and magazines relating to Civil Engineering are in the department library and are accessible to the students at all times.

**REQUIREMENTS**—English: One term of Rhetoric, two terms of Literature. Mathematics: Three terms of Algebra, Plane Geometry. These may be taken in the Preparatory Department of the University. This course may be taken as elective work during the four years of the Scientific Course.

### **Course of Study—Civil Engineering**

#### FIRST YEAR.

*Fall Term*—Solid Geometry 4; Physics 5; Descriptive Geometry 3; Mechanical Drawing 2; English 3.

*Winter Term*—College Algebra 4; Physics 5; Descriptive Geometry 3; Mechanical Drawing 2; Freehand Drawing 1; English 3.

*Spring Term*—Plane Trigonometry 4; Leveling and Surveying 4; Descriptive Geometry 3; Mechanical Drawing 2; Freehand Drawing 1; Field Work 2.

#### SECOND YEAR.

*Fall Term*—Railroad Engineering 4; Field Work 2; Electricity 4; Civil Engineering 4; Drawing 2; Cement Laboratory 1.

*Winter Term*—Electricity 4; Civil Engineering 4; Elements of Mechanics 3; Stereotomy 2; Drawing and Mapping 2.

*Spring Term*—Topographic Surveying 2; Electricity 2; Engineering Construction 4; Field Work 3; Drawing 2; Civil Engineering 2.

### **Explanatory Statement**

The course in Civil Engineering is designed to give the student a thorough and practical training in the various subjects offered; and to give field and draughting-room practice of such a nature as will prepare him for active work.

The work in Mechanical Drawing continues throughout the Freshman year and embraces twenty plates. Much atten-

tion is given to lettering. Anthony's *Mechanical Drawing* and Reinhardt's *Lettering* serve as guides in this work. The work in Descriptive Geometry continues throughout the Freshman year. In the Fall and Winter terms it consists of recitations and problems relating to the right line, curved line, planes, tangents, and normals; to cylindrical, conical, and warped surfaces, and to their intersections. About fifteen original problems are required. Shades, Shadows, and Perspective are taken up during the Spring term. Church's *Descriptive Geometry* is the text used.

Leveling and Surveying, of the Spring term, consists of four hours per week of recitations and two afternoons per week of field work, embracing the following: Leveling; Chain, Compass, and Transit Surveying; and the use of the Plane Table. The student is required to keep his field notes in proper form, to plat all surveys, and to make profiles of the level lines run. Conventional methods are used in all work. Gillespie's *Surveying* is the text used.

The work in Railroad Engineering is taken up in the Fall term of the second year. This consists of four hours per week of recitations and two afternoons per week of field and draughting-room work. A preliminary survey for a railroad is made and the topography taken. A contour map is drawn and a location projected. The text used is Searles's *Field Engineering*.

In Civil Engineering and Engineering Construction Fiebeger's *Short Course* will be the text-book used in the discussion of the various subjects offered.

In Stereotomy, the work of French and Ives is used and enough class work is given to obtain a working knowledge of the subject. A number of original problems and drawings are required.

Merriman's *Elements of Mechanics* is taken up during the Winter term. The work in the text-book is supplemented by additional problems.

In the Spring term the work in Topographic Surveying is taken up and embraces the following: The accurate measurements of a base line, and triangulating a given section. The topography is taken by means of the stadia and hand level. From the survey a map is made and contour lines are

drawn. Conventional signs are used to represent the different structures and objects that appear upon the map.

The work in Mathematics, Sciences, and English is done in the regular University classes.

Students of the Engineering Department wishing to take advanced standing in other institutions can do so by taking the required amount of mathematics, language, English, etc., in the regular classes of the University.

Students at Ohio University can take up and complete, within two years, such engineering and scholastic studies as will give them admission, with full credit, to the Junior class of the Case School of Applied Science at Cleveland, Ohio.

Students in the Scientific Course of the University can, if they so desire, elect work in this Department.

Students completing the Short Course in Engineering can make arrangements whereby they can complete the Scientific Course by making up all required Preparatory work and completing the required amount of work in the Scientific Course.

## PHILOSOPHY, ETHICS, AND SOCIOLOGY

PROFESSOR TREUDLEY

The purpose of the various courses offered in the accompanying schedule of work is not only to acquaint students with the general lines of thought, but to aid them to acquire power to reflect upon the problems of life and conduct. If there be sufficient demand, special studies may be offered kindred and supplementary to those which are announced. It is the purpose of the department to make this work practical not only in so far as the individual's own thinking is concerned, but also as regards the bearings of these themes upon public and private life.

## COURSES OF STUDY

### Fall Term

1. ETHICS—Three hours per week. Required of all Junior students in the course leading to the degree of Bachelor of Philosophy, and of Normal-College students in the

Sophomore year, and elective for all others of equal standing. The purpose of this course is to set forth the general principles of conduct with their application to life and character.

2. LOGIC—Four hours per week. Senior required.

3. HISTORY OF PHILOSOPHY—Three hours per week. Required of all students in the courses leading to the degrees of Bachelor of Philosophy and Bachelor of Pedagogy and elective for Juniors and Seniors in other courses. The work of this term will embrace a study of Greek philosophy and its bearing upon subsequent thought.

### **Winter Term**

1. SOCIOLOGY—Three hours per week. Required of all students in the course leading to the degree of Bachelor of Philosophy in the Junior year, and of all Normal-College students in the Sophomore year, and elective for all others of equal standing.

2. HISTORY OF PHILOSOPHY—Three hours per week. Required of all students in the course leading to the degree of Bachelor of Philosophy and elective for all other students of Junior and Senior standing. Particular study will be made of Mediaeval Philosophy and the philosophy of the Seventeenth century.

3. ETHICS—Three hours per week. Elective for Juniors and Seniors and students having had first term Ethics. This course is designed to supplement the work offered during the Fall term by extending it so as to include a further study of the more fundamental questions affecting the individual and social life.

### **Spring Term**

1. HISTORY OF PHILOSOPHY—Three hours per week. Required of all students in the course leading to the degree of Bachelor of Philosophy and elective for all Juniors and Seniors in other courses. Special study will be made of Modern Philosophy.

2. SOCIOLOGY—Three hours per week. Elective for Juniors and Seniors and students having had the first term in Sociology. The purpose of this course is to supplement

the required course in Sociology by an examination of social conditions as found in modern life.

3. PROBLEMS IN PHILOSOPHY—Three hours a week. This course is elective and is designed for students of whom but one term in Philosophy is required, and for students of matured powers who would like to gain some insight into this field of inquiry. It is recommended to students in the Philosophical Course also as a desirable preparation for the study of the History of Philosophy. The organization of the class will depend upon the demand.

4. EVIDENCES OF CHRISTIANITY—Elective—Two hours a week. There are in college a number of students of ability and maturity and of advanced collegiate standing who are interested in matters pertaining to religion to whom such a study would be desirable. As a basis of work Fisher's "Grounds of Theistic and Christian Belief" will be used. The organization of the class will depend upon the demand.

## BIOLOGY AND GEOLOGY

PROFESSOR MERCER.

ALDIS A. JOHNSON, *Instructor.*

This Department embraces all the subjects properly belonging to Biology, together with Inorganic and Organic Geology.

The work in Zoology begins with the Winter term of the Freshman year. Abundant opportunity is offered for field work. In addition to the material gathered by the class, use is made of preserved marine types which are received from time to time for the purpose of dissection. Each student is required, also, to spend some time in the Zoological Museum, which contains many valuable specimens.

The student enters the laboratory at the very start, and such types are placed before him for examination and dissection as will lead him step by step to correct habits of observation, by which he is enabled to comprehend the close relations of one form of life to another. As this work is in progress, the subjects under examination are fully discussed,

and, on the completion of each dissection, the student is examined upon the work done. Drawings are required of the different parts and organs, in all cases. After a few types have been studied in the laboratory the subject of classification receives careful attention.

An advanced course in Zoology is offered in the college proper, and a scholarship has been established which insures free tuition and laboratory privileges at the Marine Biological Laboratory, Cold Spring Harbor, Long Island, to the student in this Department doing the highest grade of work. The importance of the advantages thus secured cannot be overestimated, as the student is given abundant opportunity to study marine life amidst its proper environments. He will, to this end, be expected to assist frequently in dredging, for which a naphtha launch is provided.

The course in Preparatory Physiology aims to give a good general knowledge of Anatomy and Hygiene, and the functions of the different organs. Occasional dissections are performed before the class, and some laboratory work is required of all. In the collegiate course this subject is studied by more advanced methods. Osteology receives close attention, and each student is expected to give some attention to dissection, besides making a practical study of a few histological structures. Physiological principles and theories are discussed according to the latest investigations; and, in this connection, experiments are performed in the laboratory. The department is supplied with a valuable skeleton and superb French anatomical models. (For more advanced work in Anatomy and Physiology, see Preparatory Medical Course.)

Elementary Botany is required in all the Preparatory courses except the classical. Work begins with an observational study of germinating plantlets, all students being required to sow the seeds of several representative plants and to make careful drawings of the different stages of growth. Leaves, roots, and stems are studied from the objects as far as practicable, and careful dissections of certain typical flowers precede the regular work of Systematic Botany. As time permits, the student is given some insight into the microscopic structure of plants by practical work in the

laboratory. An herbarium of not less than forty plants will be required of all, or an equivalent in laboratory work. In the collegiate course the student is set to work at once with the microscope, the object being to secure a knowledge from actual observation of the general anatomy and physiology of plants. This is followed by work upon the Cryptogams, and all will be encouraged to make some special investigations for themselves.

The University is thoroughly equipped for work in General Biology, a required subject in all the collegiate courses. A biological laboratory has recently been completed and fitted up with modern apparatus, including a steam sterilizer, fine optical appliances, dissecting instruments, water bath, paraffin bath, CO<sub>2</sub> freezer, Minot Microtome, etc. The student is given practical training in Microscopy, and is taught the process of staining and preparation of permanent mountings. It is the intention to give a thorough knowledge of the structure and mode of growth of typical plants and animal forms, and the laboratory work is accompanied with lectures, in which the composition of organisms, methods of reproduction, development, and other biological subjects are discussed.

At an early stage of the work in Geology, such objective study of minerals is pursued as will enable the student to comprehend the composition of rocks, which is next taken up. To supplement the text, lectures may be given from time to time upon Dynamical, Structural, and Paleontological Geology, and these subjects are further studied in the field. Work is also offered in Determinative Mineralogy. A large cabinet of minerals is open at all times to the student of Geology.

The stereopticon is in constant use in the Department to illustrate the lectures. The facilities for making lantern slides are such that many additions are made annually to the already quite complete set of over eight hundred slides.

WORKS OF REFERENCE—Parker & Haswell, Text-book of Zoology, Schafer, Text-book of Physiology, Marshall & Hurst, Practical Zoology, Stewart, Manual of Physiology, Bessey's Botany, Goodale's Physiological Botany, Gray's Structural Botany, Woll's Diatomaceæ of N. A., and Desmids of the U. S., Strasburger's Manual of Vegetable His-

tology, Goebel's Outlines of Classification and special Morphology, Vine's Physiology of Plants, DeBarry's Comparative Anatomy of Phanerogams and Ferns, Huxley's and Martin's Biology, Sedgwick and Wilson's Biology, Packard's Zoology, Lang's *Vergleichende Anatomie der Wirbellosen Thiere*, Landois's Physiology, Stirling's Histology, Piersol's Histology, Shafer's Essentials of Histology, Carpenter's *The Microscope*, Frey's Microscopical Technology, LeConte's Elements of Geology, Dana's Manual, Dana's Mineralogy, Crosby's Mineralogy, Lyell's Principles of Geology, Geikie's Text Book of Geology, Government Reports, complete sets of the American Journal of Morphology, Illustrated Flora of the Northern United States and Canada, by Britton and Brown, Shaefer's Text-book of Physiology, Chavau's Comparative Anatomy of the Domesticated Animals, and Campbell's Text-book of Botany.

CURRENT JOURNALS — American Naturalist, Science, American Journal of Anatomy, Biological Bulletin, Ohio Naturalist, Journal of Experimental Zoology, Mycological Bulletin, Nature Study Journal, Popular Science Monthly, and the reports of all the leading scientific societies.

### **Preparatory Biology**

Fall Term — Physiology and Hygiene.

Winter Term — Botany.

Spring Term — Botany.

This work is required of all students five hours each week for the entire year.

### **College Biology**

- Fall Term — Vertebrate Zoology. (Sophomore elective) 4.  
Osteology. (Sophomore elective) 4.  
Microscopy and Histology. (Junior elective)  
5.  
Structural Botany. (Senior elective) 4.  
Geology. (Senior required) 4.  
Experimental Physiology. (Junior elective)  
— 4.

Winter Term—Invertebrate Zoology. (Freshman required) 2.

Anatomy. (Sophomore elective) 4.

Physiology. (Sophomore required) 4.

Histology. (Junior elective) 5.

Bacteriology. (Junior elective) 3.

Human Anatomy. (Elective) 4.

Spring Term—Invertebrate Zoology. (Freshman required) 4.

Physiology. (Sophomore required) 4.

Embryology. (Junior elective) 5.

Neurology. (Elective) 3.

Human Anatomy. (Elective) 4.

Summer Term—Preparatory Botany. (Spring term work) 5.

Teacher's Physiology. (Advanced course) 5.

Structural Botany. (Senior) 4.

Zoology. (Freshman required) 5.

All the college courses are laboratory courses. It requires two hours of actual work in the laboratory for one hour credit. All four-hour courses are made up of at least two laboratory periods and two lectures or recitations each week of the term, and all other laboratory courses in the same proportion.

Any student electing the course in Histology and Embryology must plan to take the entire work of the year.

#### Description of Courses

1. ANATOMY—The laboratory work will be mainly dissection of the cat or rabbit and the study of microscopic sections of all the important organs.

2. PHYSIOLOGY—The course will consist of at least two lectures or recitations one hour each and two laboratory sections of two hours each, every week of two terms. This will be a course of actual demonstration of the functions of the different organs of the body. For example, the student actually tests the action of the reagents found in the gastric juice upon the food principles. He then uses the gastric

juice prepared from the stomachs of different classes of animals, and tests its action upon different foods, the changes thereby being brought before the eye. Experimental Physiology forms a large part of this course.

Physics, Chemistry, and Zoology (or a thorough course in Preparatory Physiology) are required before entering this course.

3. **HISTOLOGY** — This course includes a careful study of technic; taking fresh tissue and carrying it through to the finished slide by the most approved and modern methods. The student also makes a study of the finished slide and makes drawings of many type tissues. This course is designed thoroughly to fit the student preparing for the study of medicine, as well as to give the student in general a thorough idea of the structure of the human body preparatory to the study of physiology.

4. **BOTANY** — Study begins with the plant cell and traces the development of the plant through the successive orders to the flowering plants. Attention will be given to living plants, including plant histology, and a general consideration of all the life principles involved in plants.

5. **INVERTEBRATE ZOOLOGY** — The course in Zoology takes up the study of animal life in the line of development, beginning with the amoeba and tracing the line by means of type forms through the succeeding orders to the vertebrates.

6. **VERTEBRATE ZOOLOGY** — This course includes all of the Phylum Chordata except the mammals. The type forms studied are the Amphioxus, the dog-fish, the perch, the frog, the turtle, and the English sparrow. A careful dissection is made of all these forms, but more time is spent on the frog than on any other form. The muscular, the nervous, the digestive, the circulatory, and the respiratory systems are compared in each case to show their relationship and their advancement as we ascend the scale in Chordata. Physiology plays a very important role in this course for all of these forms.

7. **BACTERIOLOGY** — This course is mainly one of technic. The student prepares all the common media, inoculates speci-

mens of many of the different forms of bacteria and studies the growth and action of the same. He also gets a fair idea of the methods of identification of common forms, making slides from the cultures.

The lectures connected with this course are designed to bring out the relation of the subject to hygiene and the basic relation of bacteria to disease. The history of the subject and its relation to Scientific Medicine are also brought out.

8. EMBRYOLOGY — In this course the student follows carefully the development of the chick, makes slides of the embryo at different ages from four hours up to seventy hours, and prepares museum specimens of the chick from that to twenty-one days. He supplements his work with careful reading and comparisons with the development of the mammal, and makes dissections of a fetus of pig or cow. Serial sections of pig embryos from 5 mm. to 30 mm. are studied throughout the entire course.

9. EXPERIMENTAL PHYSIOLOGY — In this course the frog is used to a large extent in performing the experiments. A complete set of the Harvard apparatus is in constant use. The activities of the muscles and all of the vital organs are observed and tracings made in many cases. The relation of the nerves to the muscles are shown in many ways, including the central nervous system and the sympathetic system. Dr. Fish's manual is used as the basis for the laboratory work, with Porter's Physiology as a constant reference work.

10. NEUROLOGY — This course begins in the Winter term in connection with the Histology. The technique is mastered and many slides are made of the different parts of the nervous system. The study proper is taken up in the Spring term, in which dissections of the brain and the spinal cord are made and the parts carefully worked out. The relation of the nerves to the centers are shown by dissection and the study of the slides made during the latter part of the Winter term. This course is designed not only to bring out the anatomy of the Nervous System but the physiology as well.

**DEPARTMENT OF MEDICAL SCIENCES**

*It is desirable in many cases that students looking forward to the medical profession should, after spending four years in collegiate work, be admitted to advanced standing in medical schools, whereby a year's time might be gained.* With this object in view, the Department of Biology now offers such work as is, in conjunction with Physics and Chemistry, recognized by the best of these schools the full equivalent of a year's professional study.

The laws in many states are such that no time credit can be given for this work, but our students get credit in all the Medical Colleges for subjects completed, which gives them time to specialize in some subject during their medical course. The advantage of this can not be overestimated.

The Department of Physics and Chemistry furnish abundant opportunities for the work required in that direction. The biological work is, from the very outset, suited to the needs of the medical student. To this end it properly begins with General Biology, to be followed by a comparative study of animal forms and of phanerogamic and cryptogamic plants. The development of some vertebrate is closely studied, and preparations of embryos are required of each student. Throughout the entire course close attention to laboratory work is insisted upon. Practical instruction is given in the preparation of microscopic objects, and the student is taught the technique of section cutting and mounting. A practical knowledge of Human Anatomy is obtained from the careful dissection of the human body. Arrangements have been made whereby students of the University are allowed, under certain conditions, to attend post-mortem examinations and to assist in the work. The laboratory is provided with modern apparatus for accurate investigation of disease germs, and the student is therefore required to do practical work in the all-important subject of Bacteriology.

**Premedical Sciences (Required Subjects)**

FALL TERM SUBJECTS.	MON.	TUES.	WED.	THURS.	FRI.	HRS.
Physiology and Hygiene . . . . .	Rec. (1)	Rec. (1)	Rec. (1)	Rec. (1)	Rec. (1)	75
Structural Botany.....	Rec. (1)	Rec. (1)	Lab. (2)	Lab. (2)	Lab. (2)	120
Inorganic Chemistry.....	Rec. (1)	Lab. (2)	Rec. (1)	Lab. (2)	Rec. (1)	105
Elementary Physics . . . . .	Rec. (1)	Lab. (2)	Rec. (1)	Lab. (2)	Rec. (1)	105
German.....	Rec. (1)	Rec. (1)	Rec. (1)	Rec. (1)	Rec. (1)	75
WINTER TERM SUBJECTS.						
Comparative Anatomy .....	Rec. (1)	Lab. (2)	Lab. (2)		Rec. (1)	72
Invertebrate Zoology.....				Rec. (1)	Lab. (2)	36
Inorganic Chemistry. ....	Rec. (1)	Lab. (2)	Rec. (1)	Lab. (2)	Rec. (1)	84
Elementary Physics .....	Rec. (1)	Lab. (2)	Rec. (1)	Lab. (2)	Rec. (1)	84
German.....	Rec. (1)	Rec. (1)	Rec. (1)	Rec. (1)	Rec. (1)	60
French.....	Rec. (1)	Rec. (1)	Rec. (1)	Rec. (1)	Rec. (1)	60
Physiology . . . . .	Rec. (1)	Lab. (2)	Lab. (2)		Rec. (1)	72
SPRING TERM SUBJECTS.						
Chemical Physiology .....		Lab. (2)	Rec. (1)	Lab. (2)	Rec. (1)	72
Invertebrate Zoology.....	Rec. (1)	Lab. (2)	Lab. (2)	Rec. (1)		72
German.....	Rec. (1)	Rec. (1)	Rec. (1)	Rec. (1)	Rec. (1)	60
French .....	Rec. (1)	Rec. (1)	Rec. (1)	Rec. (1)	Rec. (1)	60

**Medical Sciences**

FALL TERM SUBJECTS.	MON.	TUES.	WED.	THURS.	FRI.	HRS.
* Histology . . . . .	Rec. (1)	Lab. (2)	Lab. (2)	Lab. (2)	Rec. (1)	120
* Qualitative Analysis . . . . .	Lab. (3)	Lab. (3)	Lab. (3)			135

## Medical Sciences—Concluded

FALL TERM SUBJECTS.	MON.	TUES.	WED.	THURS.	FRI.	HRS.
* Experimental Physiology	Rec. (1)		Lab. (2)		Lab. (4)	105
* Comparative Vertebrate Anatomy .....	Rec. (1)	Lab. (2)	Rec. (1)	Lab. (2)		90
* Osteology .....	Rec. (1)	Lab. (2)	Lab. (2)		Lab. (2)	105
Advanced Physics .....	Rec. (1)	Lab. (2)	Lab. (2)	Rec. (1)		90
Medical Latin .....	Rec. (1)	Rec. (1)	Rec. (1)			45
WINTER TERM SUBJECTS.						
* Histology .....	Rec. (1)	Lab. (2)	Lab. (2)	Lab. (2)	Rec. (1)	96
* Bacteriology .....	Lab. (2)	Lab. (2)	Lab. (2)	Rec. (1)		84
* Human Anatomy .....	Lab. (2)	Lab. (2)	Lab. (2)	Lab. (2)	Rec. (1)	120
* Organic Chemistry .....	Rec. (1)	Rec. (1)	Rec. (1)			45
Quantitative Analysis....	Lab. (3)	Lab. (3)	Lab. (3)			108
Physical Chemistry. ....			Rec. (1)	Rec. (1)	Rec. (1)	26
Advanced Physics.....	Rec. (1)	Lab. (2)	Lab. (2)	Rec. (2)		72
Medical Latin.... ....	R-c. (1)	Rec. (1)	Rec. (1)			36
SPRING TERM SUBJECTS.						
* Embryology .....	Rec. (1)	Lab. (2)	Lab. (2)	Lab. (2)	Rec. (1)	96
* Human Anatomy .....	Lab. (2)	Lab. (2)	Lab. (2)	Lab. (2)	Rec. (1)	108
* Qualitative Analysis .....	Lab. (3)	Lab. (3)	Lab. (3)			108
Quantitative Analysis ...	Lab. (3)	Lab. (3)	Lab. (3)			108
Electro-Chemistry ... ....			R-c. (1)	Rec. (1)	Rec. (1)	36
Advanced Physics .....	Rec. (1)	Lab. (2)	Lab. (2)	Rec. (1)		72
Neurology.... .... ....	Rec. (1)	Lab. (2)	Lab. (2)			60

All subjects in the group of the premedical sciences are required in all the college courses. The starred subjects in the schedule of medical sciences are required of all students desiring advanced standing in medical colleges. It is possible for a student to take the entire group of subjects in the schedule of medical sciences as electives during a four-year course at the University.

The figures in the column marked *Hrs.*, in the schedule, indicate the number of actual hours worked in each subject. All other figures indicate the number of hours worked each day.

Among the books of reference to be found in the library may be mentioned Gray's Anatomy, Quain's Anatomy, Holden's Anatomy, Landois and Sterling's Physiology, Hertwig-Mark's Text-book of Embryology, Lehrbuch der Vergleichenden Entwicklungsgeschichte (Korschelt & Heider), Minot's Human Embryology, Zeigler's General Pathology, Stoehr's Histology, Von Kohlden's Pathological Histology, Korschelt & Heider, Text-book of Embryology of the Invertebrates, Wilder and Gage's Anatomical Technology, Weidersheim's Comparative Anatomy, Sternberg's Bacteriology, Reference Hand-book of Medical Sciences, Spalteholz's Hand Atlas of Human Anatomy, and standard texts and guides in Histology. The following subjects are comprehended in this course: General Biology, Zoology, Mammalian Anatomy, Human Anatomy, Histology, Physiology, Structural and Systematic Botany, Vegetable Histology, Embryology, and Bacteriology.

**PHYSICS AND ELECTRICAL ENGINEERING**

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*Professor ATKINSON.**GEORGE E. McLAUGHLIN,**Assistant in Electrical Engineering and Instructor in Shop Work.**RHYS DAVID EVANS,  
Instructor in Laboratories.*

1. ELEMENTARY PHYSICS — This work is required in the first and second terms of the third preparatory year in all the courses of study. Recitations three times a week; laboratory work four hours a week. A laboratory fee of fifty cents a term is charged. The class-work will not be required of those having a diploma from a First Grade high-school; but the laboratory course will be required of all high-school graduates and others who have not had its equivalent. Millikan & Gale is used as text-book.

2. GENERAL PHYSICS — This course is required throughout the Junior year of the Scientific course, and is open as an elective to students in other courses, provided they have the preparation required of students regularly in this course. In all cases, the course in General Descriptive Chemistry, or its equivalent, must precede this course in Physics. Hereafter, also, a knowledge of Analytical Geometry and Calculus will be required. The instruction consists, first, of class work, with experimental demonstrations; second, of individual laboratory work of an advanced character. Watson, Hastings and Beach, Carhart, Nichols and Franklin, and other larger works are used as references in the class work.

The laboratory portion of the work will be adapted to

the requirements of Junior students and will presuppose the work in Course 1, or its equivalent. Recitations three times a week, laboratory six hours a week. Ames & Bliss, Nichols, Miller, Watson, Stewart & Gee, Millikan, Ferry, and other authors are used as laboratory references.

3. PHYSICAL LABORATORY — This will be a special elective course in heat and light, given in the Senior year and open to those who have already had 1 and 2.

4. PHYSICAL LABORATORY — This is elective, and will be open on the same terms as 3. The course consists of exact measurements in electricity and magnetism. A very excellent special laboratory is now used for the work of this course, and the aim is continually to improve the facilities. Nichols, Stewart & Gee, Kempe, Carhart & Patterson, Stine, and Ayrton, will be used as references. Class work twice a week. Laboratory six hours a week during third term.

PHYSICAL LABORATORY — This is an elective course, given in the first term, Senior year, consisting of a study of dynamo electric machines to the end of determining and plotting their characteristics, efficiency, regulation, etc. Lectures twice a week. Laboratory six hours a week.

The fee for laboratory privileges is fifty cents a term.

### **Electrical Engineering**

OPPORTUNITIES — The rapid development of electricity for the purpose of light and power, and its general introduction into all forms of industry, have created a demand for men well qualified in this branch of engineering. The profession offers excellent opportunities for young men, and the field is so broad that the chances for rapid promotion are very flattering to those properly qualified. The thoroughly educated man who combines practical experience with his theoretical knowledge of electrical engineering is in special demand; for many now engaged in this work are poorly fitted for its duties. The University does not lose sight of the fact that mind training is its chief business. Yet it is the guiding principle of this Department that the education of the mind is none the less efficient for making use of the materials for this purpose which may at the same time be applied by the

trained mind to earning a livelihood. We hold that, instead of being opposed, these two features are correlative.

Ohio University is a State institution, and a free library, now occupying the new Carnegie Library Building, literary societies, musical, scientific, and other organizations add much to the advantages of students. All the regular literary departments of the University are open to engineering students, if they choose to elect any of the general work there offered. The whole atmosphere of college surroundings is beneficial, and constitutes no small advantage over the purely technical school. In Ohio University small classes, usually ten to forty, and attention to individual students are advantages that can not be over-estimated.

There is a growing demand for salesmen of electrical machinery and supplies, and for men with business qualifications to manage the practical affairs of the electrical industries, and to take charge of parts of their business interests. These demands are sure to continue for some years to come. It is these demands that we are aiming to meet in the training of our students. The course in Electrical Engineering offers what we think no similar course contains; namely, a year's elective course of training in business. The student will thus be able to take a position either in the technical or business departments of any of the electrical industries. This course is especially adapted to engineering students. It is believed that the student's opportunities are enhanced several fold, not only through the self-confidence thus gained, but his ability to do something as well as to know something.

**EQUIPMENT**—The University possesses an excellent incandescent lighting plant, used for lighting the buildings and campus, with the design of extending to the students practical training in the construction, operation, and care of electrical and steam machinery. The plant is modern in all its parts, and meets our present requirements for light and power quite satisfactorily. Very extensive additions to the electrical equipment have been made recently. Both direct and alternating currents are used. The switches and fittings on the boards, wiring and general installation are all the work of students. Modifications and extensions from time to time give others excellent opportunities to obtain valuable prac-

tice. This practice also includes dynamo and engine tests, attaching indicators, obtaining and interpreting cards, valve, settings with and without the indicator, etc. The equipment consists, in part, of a large laboratory for Elementary Physics and Electricity, a laboratory for advanced Physics, one for electrical measurements, a lecture room, office, photographic dark room, photometry room, drafting room, a dynamo, motor and transformer laboratory, a shop, and a boiler and engine room. In all these, students have the advantage of practical training in the various phases of electrical and steam engineering work. Great expense has been incurred in equipping these departments of work, and additions will be continually made in order to keep up with the times and the increased enrollment. The power room contains a direct-connected Thompson-Ryan-McEwen set, a Corliss engine belted to a 3-phase generator, and a vertical Erie engine, and the necessary switch-boards and other appliances; the steam power being derived from a 100 horse-power boiler located in an adjacent room. The dynamo laboratory contains a Westinghouse multipolar machine which can be used as a compound generator or as a motor to drive the counter-shaft to which are belted other machines, which in turn may serve different purposes for power and tests; for example, a Western Electric arc machine, a Westinghouse bi-polar incandescent, T. H. generator, a multipolar alternator, two induction motors (three-phase), a rotary converter with pulley, a 10 horse-power multipolar motor and generator, and a  $7\frac{1}{2}$  horse-power low speed motor. There are also several motors of various designs from  $\frac{1}{2}$  to 5 horse-power and a 5 horse-power gas engine. In this laboratory are also several transformers of different sizes and makes, used for experimental and testing purposes. There are also the necessary switchboards, lamp-racks, load rheostats, measuring instruments in large number and variety, such as voltmeters, ammeters, wattmeters, electrodynamometers, tachometers, contact makers, etc.

The electrical profession requires a great deal of mechanical ability and training in the use of tools for both wood and metal. The Department is provided with shops for both, a forge and lathe room having been provided in the base-

ment of Ewing Hall as a further addition to our facilities in this direction. These shops are provided with wood and metal-working lathes, and a complement of the necessary tools. Additions to the shop facilities are being made continually. As will appear from the course outlined below, while mastering the use of tools, the student is taught the construction of useful pieces of apparatus for laboratory purposes. The ability thus to construct apparatus and machinery, to preserve the proper relations of the several parts in fitting them together, and in overcoming the difficulties that may arise in embodying one's ideas, has a very great educational value aside from its practical aspect. Each student this year in the second-year course designed and constructed from his own patterns an electric motor or dynamo from one-fourth to three horse-power.

**REFERENCES**—Students in the Engineering departments find on file for ready reference a large number of technical periodicals, such as the Electrical World, Electrical Review, Electricity, Electric Journal, Street Railway Journal, Engineering Magazine, Power, Scientific American, Scientific American Supplement, School Science and Mathematics, Physical Review, Science Abstracts, Engineering News, Engineering Record, Mines and Minerals, Journal of the Association of Engineering Societies, Journal of the Western Society of Engineers, Reports of State Engineering Societies, Cement, Railway Gazette, Journal of Franklin Institute, Electro-chemical and Metallurgical Industry, Journal of the Chemical Industry, Die Zeitschrift für den physikalischen und chemischen Unterricht. Besides the Department library, which is available to students taking these courses, the Carnegie Library is also open for use each day, and three evenings a week.

**AID**—Ohio University makes no promises of positions to prospective students. But the young man who conscientiously does what is assigned him to do, and makes a success of his college work, need have no fears about his future success. Of course we use our influence in helping young men secure positions. The fact that no one of those who has creditably completed any of the courses has failed to secure a good position, and that last year we had calls for

men we were unable to supply, should be a sufficient guarantee and encouragement to those about to begin the work. Our principal object is the thorough mental and practical training of men for the various lines of engineering work; and they are thus fully prepared to accept good positions.

**ENROLLMENT**—The enrollment in the Engineering classes increases from year to year, and good positions are awaiting still more students who complete the work. For the year ending April 1, 1907, the total enrollment in the Electrical Engineering classes of the University was 86. This number was nearly uniform throughout the year. See the enrollment list at the end of the catalogue for the names and addresses of the students in Electrical Engineering.

**REQUIREMENTS**—All work scheduled in Electrical Engineering can be taken as elective by students pursuing the course leading to the degree of Bachelor of Science. There is optional substitution of modern languages for Latin. See courses of study of the State Preparatory School given elsewhere. Graduates of First Grade high-schools will be able to enter the first year of the "Short Course" if they have taken either Latin or a modern language.

For entrance to this course, the requirements are the first, second, and third terms of Algebra, Plane Geometry, and three terms of English, when no high-school diploma is presented.

The English includes two terms of Literature and one of Rhetoric. Those not prepared in these branches may be permitted to take up free-hand and mechanical drawing, while making up this work in the Preparatory School. The higher branches, Analytical Geometry, Calculus, and Analytical Mechanics are strongly recommended to students in the Short Course. Physics and Chemistry are required as indicated. When the Short Electrical Course and the auxiliary studies are completed, a certificate will be issued showing the character of the work done. Also, where it is deserved, a recommendation will be issued showing the student's ability in theoretical and practical electrical and steam engineering. The courses are subject to such changes from time to time as the profession requires, and as the proper treatment of

such studies makes necessary. The complete college course is urgently recommended in each case.

For the present there will be a charge of fifty cents a term for each laboratory course, and students will be held responsible for all breakage and damage. The charge for students in Electrical Engineering will be five dollars a term, the regular contingent fee. Those who are not electrical students, but who wish to take mechanical drawing, may do so on payment of one dollar per term in addition to the contingent fee.

**DESCRIPTION OF COURSES**—The following is a brief statement of the nature of that portion of the Course taught in this Department. The portion taught in other departments is described elsewhere.

**DRAWING AND DESCRIPTIVE GEOMETRY (3)**—Church's *Descriptive Geometry* is used as a text in this subject. A course in Mechanical Drawing and Lettering accompanies it. Recitations twice a week and drawing three hours a week. Problems of right lines, planes, curves, tangents, normals, cylindrical, conical and warped surfaces, of shades and shadows are considered. The second term includes projections, intersections and development of surfaces, six hours a week. The third term's work consists in making enlarged drawings from blue prints of engine parts and details. Also practice in lettering, especially free hand lettering, is required through the term. Six hours a week in the drafting room is required. The fourth and fifth terms require first pencil sketches containing all measurements of such objects as pieces of laboratory apparatus, pieces of pipe containing a valve, an elbow and a union, a wheel, parts of machinery, head of polishing lathe, head stock of machine lathe, bench vise, sight feed lubricator, lathe chuck, etc. All the necessary views of details are drawn, then a complete assembly of these details is made on the drawing board and finished in proper form. The fifth term is a continuation of previous term, but requiring more complicated sketches and scale drawings. The sixth term includes station and switch-board design.

**SHOP WORK (4)—(1)** Wood turning according to blue-prints, and also from original designs; planing, truing and

fitting in wood; mortising and tenanting; bracing, gluing and pinning; four hours a week in the shop.

(2) Iron turning, end truing, sandpapering, inside turning; machine thread cutting and fitting, splicing a shaft or bar; pipe cutting, threading and fitting by sleeves, elbows, unions, valves, etc.

(3) Bench work; sawing and filing brass, squaring, truing, fitting and soldering; construction of various useful devices; tapping, dieing, hand tool turning, and working to shape. General repair work in engine and boiler room. Electrical construction about the college buildings and dynamo laboratory.

The second year's work consists of a complete design of a motor and rotary converter, of  $\frac{1}{2}$  to 3 h. p., construction of patterns from the original blue print designs, and building the machine, and finally making a complete test of the same.

**STATION PRACTICE (2)** — This comprises practice in the care and operation of all the machinery in the college direct and alternating current station and the city alternating current plant. This is required to be done in the same manner as would be if the student were fully responsible as the operating engineer. Six hours a week in the two stations, for two years. Other plants, such as those of the State Hospital for the Insane and the Athens Brick Company, are also utilized in the instruction of classes.

**DIRECT CURRENT MACHINERY (4)** — A study of the construction, operation and testing of direct current dynamos, motors and other machinery. Franklin and Esty is used as a basis for this course.

**ELECTRICAL DESIGNING — WIRING AND ARMATURE WINDING (2)** — A course of lectures on the designs of electric circuits for various purposes, and also on the winding of various types of armatures; this is accompanied by individual work by each student in wiring, on the drawing board from measurements or floor plans, dwelling, college buildings, hotels, business blocks, etc., and in making estimates of all material for a complete installation; switch-boards, are also designed for certain purposes by each student. Several armature models for ring and drum windings are used and each student

by means of real formed copper coils and by colored cords practices the various forms of winding, both direct and alternating, and then makes diagram drawings of the complete winding.

ADVANCED PHYSICS (3) — An advanced course in theoretical physics throughout the year. Hastings and Beach has been used, also Carhart's *University Physics*, Barker's *Physics* and Watson's *Text Book of Physics*. Among other references are Ganot's *Physics*, Violle's *Course de Physique*, and Muller-Pouillet's *Lehrbuch der Physik*.

PHYSICAL LABORATORY (2) — An advanced laboratory course of six hours a week to accompany the class work. References for this work are made to Ames and Bliss, Watson, Stewart and Gee, Ferry, Millikan, Miller, Nichols and others.

DYNAMO LABORATORY (4) — Course of eight hours a week in the dynamo laboratory in studying the characteristics, regulation and efficiency of direct current machinery. Also lectures once a week. Franklin and Esty is used as a text-book and laboratory guide.

ELECTRICAL AND MAGNETIC CALCULATIONS (4) — This is a study of magnetic and electric laws through a large number of examples and original problems. Atkinson's *Electrical and Magnetic Calculations* is the text-book used.

ELECTRICAL MEASUREMENTS (4) — Two lectures a week in the theory, and six hours a week in the laboratory in the various methods of making electrical measurements of current, resistance, electro-motive, force, capacity, inductance, etc. Carhart and Patterson is used as a text-book and laboratory guide.

STEAM ENGINEERING (4) — This course consists of a study of boilers, boiler settings, fittings, braced and stayed surfaces, properties of steam, combustion, chimney design, valves, engines — simple and compound, problems of pressure, power, indicators, governors, condensers, heaters, etc. Ripper, and *Power Catechism* are used in conjunction.

ADVANCED STEAM ENGINEERING (6) — This consists of three recitations a week, Ripper's *Steam Engineering*, advanced course, being used, and six hours in the laboratory, testing boilers for coal consumption, horse-power and ef-

ficiency; calorific value of different fuels; per cent. moisture in steam, and effect of reducing; furnace, flue and feed water temperatures, etc.

ALTERNATING CURRENT MACHINERY (4) — A study of the construction, operation, and theory of alternating current machinery. Franklin and Esty's *Alternating Currents* is used as text-book.

ALTERNATING AND POLYPHASE CURRENTS (4) — A more detailed study of the characteristics of alternating and polyphase currents; solutions of problems; regulation for combined output; efficiency and losses; measurements of power; alternating current motors and their characteristics.

DYNAMO LABORATORY (4) — Lectures once a week, laboratory work six hours a week on the measurements of self and mutual inductances, capacity; E. M. F. and current curves of alternators and transformers; measurement of alternating and polyphase power. Various references are used, such as Jackson, Sheldon, Nichols, and others.

ELECTRIC DISTRIBUTION (4) — Various forms of circuits for lighting, circuit devices, overhead, and underground forms of construction, the arc, arc lamps, incandescent lamps and circuits, carbonless lamps, etc., are studied. Second term in Franklin & Esty's text.

ELECTRIC MEASUREMENTS (2) — This is a six-hour laboratory course in the photometry, efficiency and life of incandescent and arc lamps; insulation and break-down tests of wire and cable insulation; also magnetic properties of various samples of iron and steel.

TELEPHONY (3) — This is a study of the various forms of telephone apparatus, switchboards, signal systems, party lines, automatic exchanges, etc. Text-book, Kemster Miller's *American Telephone Practice*.

ELECTRICAL TRANSMISSION OF POWER (4) — This is a study of the comparative merits of various methods for the transmissions of power, and a detailed study of the electrical methods; the organization and development of hydraulic works; line construction; the commercial problem. Bell's *Power Transmission* is used.

ELECTRIC RAILWAY (3) — This course is a discussion of the general principles and practical aspects of the distribu-

tion of power for electric railways, and the modern methods of meeting the questions of complicated city systems, long interurban roads, and high speed undertakings. Bell's *Distribution of Power for Electric Railways* is a basis for this work, though actual cases, and proposed systems are carefully studied. Ashe and Keiley is used for reference on equipment and modern methods of car breaking and control.

**CENTRAL STATIONS** (4) — Lectures on the design, construction and testing of electrical generating stations, covering the boiler-room, engine and generator room, pumps, condensers, heaters, paralleling, switchboards, and special apparatus.

**CONTRACTS AND SPECIFICATIONS** (1) — Lectures or recitations once a week on forms of specifications. Special references on contracts are given. Original specifications and formal contracts are required from each student.

**THESIS** (5) — This is a laboratory investigation carried on during the whole year by the student, the credit being given in the Spring term.

**NOTE** — Particular attention is called to the fact that graduates of First-Grade high schools will be able to complete the Scientific Course in four years; the Short Course in Electrical Engineering will in every case require two years. Students who finish either of the courses will be fully able to meet the requirements of the Ohio law relative to the examination and licensing of engineers.

### **SHORT COURSE IN ELECTRICAL ENGINEERING**

**REQUIREMENTS** — English: One term of Rhetoric, two terms of Literature. Mathematics: Three terms of Algebra, Plane Geometry. These may be taken in the Preparatory Department of the University. This course may be taken as elective work during the four years of the Scientific Course.

#### **First Year**

**FALL TERM** — Physics, Class Work and Laboratory 5; Solid Geometry 4; Direct Current Machinery and Appliances 4; Drawing and Descriptive Geometry 3; Freehand Drawing

2; Shop Work; Station Practice, University and City Stations 1.

WINTER TERM — Physics, Class Work and Laboratory 5; Algebra 4; Electrical Distribution 4; Descriptive Geometry and Mechanical Drawing 3; Freehand Drawing 2; Shop Work; Station Practice 1.

SPRING TERM — Plane Trigonometry 4; Electrical Designing, Wiring and Armature Winding 2; Electrical and Magnetic Calculations 4; Steam Engineering 4; Mechanical Drawing 2; Freehand Drawing 2; Shop Work; Station Practice 1.

### Second Year

FALL TERM — Alternating Current Machinery 4; Central Stations 3; Chemistry or Spherical Trigonometry 4; Dynamo Laboratory, Direct Current Machinery 4; Mechanical Drawing 2; Shop Work; Station Practice 1.

WINTER TERM — Commercial Law 3; Electrical Transmission of Power 4; Telephony 3; Chemistry or Analytical Geometry 4; Mechanical Drawing 2; Shop Work; Station Practice 1.

SPRING TERM — Electrical Measurements 4; Electric Railway 3; Analytical Chemistry or Differential Calculus 4; Surveying 4; Commercial Law 3; Mechanical Drawing 1; Shop Work; Station Practice 1.

## CHEMISTRY

PROFESSOR BENTLEY.

FRANK PORTER, *Instructor.*

The aim of the Chemical Department is two-fold. It offers to the general student the opportunity of becoming acquainted with the general principles of this science and gives him practice in some of the methods used in the chemical laboratory. To a smaller number of students the Department offers superior facilities for more advanced work both theoretical and practical, organic as well as inorganic. In the rooms recently equipped for advanced work every

convenience is supplied. The Department is also accumulating a library of reference books which will meet the requirements of the students who make chemistry their special field for work.

### Courses

1. **GENERAL DESCRIPTIVE CHEMISTRY.**—This course consists of three lectures or recitations and four hours' laboratory work per week during the Fall and Winter terms. The lectures will be illustrated with experiments and with stereopticon views on applied chemistry. In the laboratory the student will study the preparation, properties, and reactions of the various elements and compounds considered. This course requires no special preparation, and it or an equivalent must precede all other courses in chemistry. It is required of Sophomores in the A. B. and Ph. B. course and for Freshmen in the B. S. course.

Holleman's Inorganic Chemistry, Newth's Inorganic Chemistry, and Remsen's College Chemistry are recommended as reference books for students in this course.

2. **QUALITATIVE ANALYSIS**—A laboratory course of three hours per week for two terms is offered. The first term's work may be done at the same time with the second term of Course 1, or by doubling the working time the whole work may be done in one term. The student will become familiar with the tests applied for the identification of bases and acids in insoluble as well as in soluble substances.

3. **ORGANIC CHEMISTRY**—A short course in this subject will be offered for the Fall term, and will consist of three recitations per week. The course will give a general knowledge of the subject. Laboratory work in organic preparations may be arranged for if desired.

4. **THEORETICAL CHEMISTRY**—This course will consist of three recitations per week during the Winter term. It will supplement the theoretical work done in Course 1, and will give the student some acquaintance with the more recent development in theoretical chemistry. Course 4 should be preceded by Course 1, 2, and 3.

5. **ELECTRO-CHEMISTRY**—Three recitations per week are given in the Spring term. This course is a continuation of

Course 4 and should be preceded by it. Le Blanc's Electro-Chemistry will be used as a text-book.

6. QUANTITATIVE ANALYSIS—A laboratory course, the equivalent of three hours per week, for three terms, is presented. The course will give practice in the more general methods of quantitative analysis, both gravimetric and volumetric. It should be preceded by Course 2, but may be taken in conjunction with it.

7. ADVANCED PRACTICAL CHEMISTRY—A laboratory course equivalent to three hours per week to be devoted to such work as the student may elect. This course follows Course 6.

8. TECHNICAL CHEMISTRY—This course will consist of lectures, recitations, and reports by the students. It will be shaped to suit the wishes of the class and will secure a credit of three hours per week. This course will be open only to those who have taken Courses 1 to 6 inclusive or their equivalents.

9. METALLURGY—A general treatment of the subject occupying three hours per week throughout the year. Previous training in general and analytical chemistry is essential. Roberts-Austin's *Introduction to the Study of Metallurgy* will be used in this course.

## GREEK

ELI DUNKLE, *Professor*.

It is the aim of this Department to enable students to read the authors commonly read in colleges and to make them acquainted as far as possible with the literature and life of the ancient Greeks. In teaching the language, especially that of Homer, attention is drawn to those words that are etymologically related to other languages, particularly Latin, German, and English. Especial prominence is given, as the student progresses, to the following points: First, form; second, vocabulary; third, relation to cognate languages; fourth, literature and history. The ear is regarded as equally important with the eye in the interpretation of words. When possible, some entire work of an author is read, as it is be-

lieved that a more lasting and more satisfactory impression will thus be made on the mind of the student than by the use of selections only. It is a well-established principle in the study of teaching of the ancient languages that they should be made, as far as possible, the basis of a study of antique life. The Greek language embodies the experience of the most remarkable people of antiquity,—a people whose achievements in literature, in the arts, and in government have been, and doubtless will continue to be, inexhaustible sources of profitable instruction. It is here claimed that the study of the Greek language, together with all that should properly be taken in connection therewith, will contribute the most important elements of a liberal education.

One year of preparatory Greek is required of all students who take the classical course. A detailed statement of this work is given elsewhere. The following courses in collegiate Greek are offered for 1908-9:

Fall Term—Xenophon's *Anabasis*, Books II-IV. and Greek Prose, Freshman, 4 hours.

Herodotus, Sophomore, 4 hours.

Demosthenes *de Corona*, Junior, 3 hours.

Winter Term—Homer's *Iliad* and Greek Prose, Freshman, 4 hours.

Lysias's Select Orations, Sophomore, 4 hours.

Euripides, the *Medea* or the *Iphigenia*, Junior, 3 hours.

Spring Term—Homer's *Iliad* and Greek Prose, Freshman, 4 hours.

Plato's *Apology* and *Krito*, Sophomore, 4 hours.

Sophocles, the *Antigone* or the *Oedipus Tyrannus*, Junior, 3 hours.

The Greek of the Freshman and Sophomore years is required of all candidates for the degree of A. B.; that of the Junior year is prescribed for those who do not elect Sophomore Latin.

More important, however, than any quantity of text perfunctorily read is a knowledge of the language and a true conception of Greek life and the artistic ideals of the Greeks. The college library is well supplied with works of reference to which every student has access and which he is urged to exploit to the fullest extent. But there are certain indispensable books which he must have at his elbow if he desires to make satisfactory progress and is not content merely to get the lesson for the day. These are a standard Greek Grammar; Goodwin's Moods and Tenses; Liddell and Scott's Lexicon; Peck's Classical Dictionary; a Classical Atlas. Some of these manuals are just as useful for the study of Latin as for Greek.

Students who wish to pursue Greek beyond the prescribed undergraduate course can be accommodated with three exercises per week for three terms, the subject to be studied or the authors to be read to be selected by the professor after consultation with the candidates. In addition to subjects exclusively Greek, one term in Greek history and one term in Comparative Philology may be taken.

## LATIN

D. J. EVANS, *Professor.*

MARY ELLEN MOORE, *Instructor.*

Admission to the Freshman class, without conditions, is given students who finish the Preparatory course of the Ohio University, and to those who bring from first-class high schools, certificates covering the same course, or an equivalent. This course is: Cæsar, four books; Cicero, seven orations; Vergil's Aeneid, Books 1.-VI.; forty lessons in Latin Composition; and Roman History to the end of the Republic.

The work of the Freshman year is required for the degrees of A. B. and Ph. B., and consists of the study of De Senectute, De Amicitia, Livy, Horace's Odes and Epodes, and also weekly exercises in writing Latin. Credit of 156 hours is given.

The work of the Sophomore year is required for the A. B. degree, though 4th year Greek may be substituted for it. It includes the study of the Letters of Horace, Satires of Juvenal, selections from Seneca, Petronius, Pliny, and Quintilian. Credit of 156 hours is given.

### ELECTIVES

1. A year is given to the study of the history of the Roman people to the end of the Republic, dwelling especially on the development of the constitution, growth of political institutions, and territorial expansion. Credit of 156 hours is given, but no credit is allowed unless the whole year's work is done.

2. Teachers' Course: Each Spring term a class is organized to qualify advanced students for teaching such Latin authors as are generally taught in first-class high schools. College credit of 24 hours is given for this work.

3. A one-year course in Medical Latin.

For 1908-9, students in Freshman Latin will provide themselves with Latin-English and English-Latin lexicons, Allen & Greenough's Latin Grammar, Bennett's *De Senectute* and *De Amicitia*, Peck's *Livy*, Books., II., XXI., and XXII., Smith's *Odes* and *Epodes* of Horace, and Gow's "Classical Companion."

Students in Roman History (Elective) will be required to provide themselves with Epochs of Roman History and Classical Atlas.

The required work in Latin aims:

1. To teach students of fair ability to read understandingly the Latin authors usually studied in our colleges.

2. To enable students to translate at sight selections from Eutropius, Cæsar, Romæ Viri, and Cicero, and to write the Latin of simple English narratives.

3. To give as complete knowledge, as time permits, of Roman life and manners, customs, and political institutions.

4. To teach the pronunciation of Latin words and the scansion of Latin meters in most common use.

In the whole work the endeavor is to impress on the minds of students that the Latin is the language of a moral

and practical people, who left their mark on the world in law and government, and that "Rome is the center of our studies and the goal of our thoughts; the point to which all paths lead, and from which all paths start again."

Harper's Lexicon, Kiepert's wall-maps of the Roman Empire and of various countries, Smith's Dictionary of Classical Biography, and Smith and Seyffert's Dictionaries are freely accessible to students for reference in their work.

They have access also to Simcox's, Teuffel-Schwabe's (Warr's translation), and Browne's Histories of Latin Literature; and to Guhl and Koner's Life of the Greeks and Romans.

## MODERN LANGUAGES

PROFESSOR CLAASSEN.

*Assistant—Professor Tausch.*

### GERMAN

The purpose of the work of the first year is to secure a thorough knowledge of the fundamental principles of the German language and to acquire an extended vocabulary.

In order that the student may acquire the ability to understand spoken German and *to think* in German, the work in the class-room is carried on in German, as far as practicable, and prose composition, consisting largely of reproduction of things read in German, is made an important feature of the work.

After the first year the aim (of the regular course) is to familiarize students with the best German literature. Masterpieces from Schiller, Goethe, and Lessing, and poems of later date, as well as some modern works, are read. The historical dramas require special study and collateral reading.

A German Club, maintained by the students of classes beyond the first year and meeting every two weeks, is to assist students in acquiring proficiency in the use of colloquial German.

If any course in German is elected, it should be continued throughout the year.

**Courses**

1. German Grammar. Study of forms and composition. Conversation based on Newson's *First German Book* (the new edition of Alge's *Leitfaden*), in connection with Hoelzel's charts on the seasons. Fall term (required), 5 hours.
2. Study of Syntax. Reader and Review of Grammar. Some short modern story, such as Storm's *Immensee* and composition based thereon. Conversation as in first term. Winter term (required), 5 hours.
3. Composition based on story read. Schiller's *Wilhelm Tell* and, if possible, some short comedy or story. Conversation continued. Spring term (required), 5 hours.
4. Reading of some modern prose, such as Max Mueller's *Deutsche Liebe* and of a modern drama. Conversation based on Newson's *German Reader* (the second part of Alge's *Leitfaden*) and Hoelzel's charts. Adapted and original composition and grammar exercises. Fall term (required in B. S. and Ph. B. courses, elective in A. B. course), 4 hours.
5. A drama and some lyrics of Schiller. Some work of Goethe. Continuation of German theme writing and grammar drill and of conversation. Winter term (required and elective as in course 4), 4 hours.
6. Koerner's *Zriny* and Lessing's *Nathan der Weise* or *Emilia Galotti*. Composition. Conversation based on Kron's *German Daily Life*. Spring term (required and elective as in course 4), 4 hours.
7. Sudermann, one drama and one novel read in class. Each student should read and review one of his works outside of class. Composition (reproduction in German) and conversation based on *German Daily Life*. Fall term (elective), 4 hours.
8. Hauptmann, *Der arme Heinrich*, and one modern realistic German novel. Outside work, composition, and conversation as in 7. Winter term (elective), 4 hours.
9. Goethe's *Meisterwerke*, following the text by Bernhardt. Spring term (elective), 4 hours.

\*10. *Wallenstein*, Schiller, the complete trilogy and portions of Schiller's *Thirty Years' War*, having bearing on the drama.

\*11. Goethe's *Faust*, Part one, or some dramas of Grillparzer, Kleist, or Hebbel.

\*12. Brief survey of German Literature. Lectures, readings, and reports.

13. Scientific German, required for courses in Engineering. Introduction to the reading of scientific German. Fall term, 3 hours.

14. Scientific German. Reading of scientific monographs. Winter term (required as in 13), 3 hours.

15. Some scientific work of Humboldt or Goethe and some historical or philosophic prose, (elective), 3 hours.

## FRENCH

The purpose of the first year's work is to secure a thorough knowledge of the fundamental principles of the French language and to acquire an extended vocabulary. Thorough drill is given in grammatical forms, in syntax, and in the translation of English into French.

At the end of the first year students should be able to read French with some facility and to translate at sight ordinary modern prose, rendering the text in clear idiomatic English.

For this purpose it will be necessary to read not less than four hundred pages from the works of at least three authors.

In courses 4, 5, and 6 masterpieces of modern French will be read; in courses 7, 8, and 9, masterpieces of classical French. Translation will be made only to bring out a clear understanding of the text. A summary of what is read must be written in French.

If any course in French is elected, it should be continued throughout the year.

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\*10, 11, and 12, alternate, for the present, with 7, 8, and 9. Such courses shall be selected in 1908-09 as the preparation of the class will warrant.

**Courses**

1. Elementary Course. Fraser and Squair's *French Grammar*, Part 1. Oral and written exercises with reading. Fall term, 4 hours.
2. Grammar continued. Simple texts. Reproduction in French of the texts read. Special attention given to syntax and idioms. Winter term, 4 hours.
3. Reading from modern prose and reproduction in French of the texts read. Original simple compositions and conversation based on Gemin and Schamanek's *Conversations Francaises sur les Tableaux d'Ed. Hoelzel*. Spring term, 4 hours.
4. Modern Prose. Rapid reading from modern authors. Review of grammar and composition, based on Bruce's *Grammaire Francaise*. Gemin and Schamanek's *Conversations Francaises*. Fall term, 4 hours.
5. Modern Comedies selected from the works of Labiche, Augier, Scribe, Sandeau, and others. Reproduction of scenes in narrative form. Grammar and conversation as in 4. Winter term, 4 hours.
6. Modern Classics. Abbreviated editions of Hugo's *Les Miserables* and *Notre Dame de Paris*, or some works of Balzac, Dumas, and Rostand. Grammar and composition as before. Spring term, 4 hours.
- \*7. Classic Romance and the Romantic Drama. Chateaubriand, Voltaire, Rousseau, Lesage, Hugo, Merimee. Fall term, 4 hours.
- \*8. Classic Drama. Selected dramas from Moliere, Corneille, and Racine. Winter term, 4 hours.
- \*9. Classic Prose. Selections from Pascal, Bossuet, Fenelon, La Rochefoucauld, and La Bruyere. Spring term, 4 hours.

**SPANISH**

1. Grammar with reading and composition. Fall term, 3 hours.

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\*7, 8, and 9 will be given alternately with 4, 5, and 6, unless there is sufficient demand to justify the organization of two advanced classes.

2 and 3. Rapid reading of recent narrative writings. Composition and Grammar. Winter and Spring terms, 3 hours.

### DRAWING AND PAINTING

MARIE LOUISE STAHL, *Instructor.*

The great importance of the study of drawing is coming to be recognized by our best educators. Dr. Denman Ross, of Harvard University, in a speech delivered at the dedication of the Rhode Island School of Design, said: "The arts first, pure learning and science afterward, then all together. That is the programme of the new education which is going to give us the wisdom of life with the power of art; the education which is going to teach us what to do and how to do it. Those who can go to college ought to acquire a very considerable training in the principal arts and knowledge of the best thought that has been put into them."

There is perhaps no other study that develops so many phases of man's nature as the study of art. It makes one think, observe, gives skill with the hand, creates a love for the beautiful in nature and in art; or, in other words, cultivates the æsthetic sense which has a direct moral influence and expresses itself in our daily life. "What we like determines what we are, and is a sign of what we are, and to teach taste is inevitably to form character." The work in this Department is carried on as much as possible after the manner of our best Art Schools. The studio is well equipped. Perspective is taught from interiors, etc., and varies the work from still life, casts, and the living model. Any individuality in the student is encouraged and no fixed methods are insisted upon. In painting, instruction is given in oils, water colors, pastels, and porcelain decoration for which a kiln has been provided. Some knowledge of form, proportion, and mass of light and shade is necessary through the study of charcoal drawing before the student can begin to paint. Instruction in out-of-door work will be given to those desiring it, who are sufficiently advanced. A number of the best art periodicals, as well as other works on art, are kept in the studio to which the students have access.

**ELOCUTION**

LOUISE KING WALLS, *Instructor.*

The aim of this instruction is both educational and artistic; to cultivate a personal taste for literature and the ability to interpret and express it.

Great attention is paid to the individual needs of the student. Each student must commit and prepare for rendition selections advised by the instructor, on which he receives individual instruction. From time to time recitals are given to accustom the pupil to freedom in addressing public audiences. The course includes (a) Voice Culture, Proper Breathing, Tone Production, Modulation, Range, Flexibility, Voice Use, Development of Color, Accent, Emphasis, Inflection; (b) Physical Culture, Gesture Action, Study of Attitudes, Poise and Positions, Delsarte Training, and Pantomime; (c) Mental Culture, Analysis of Selections, Training for Will Power, Emotional Appreciation and Imagination.

Anyone wishing to take more advanced work can make special arrangements with the instructor.

For class work in the regular course there is no fee, but for private lessons the rate is as follows:

Per term (24 lessons)	.	.	.	.	.	.	\$12.00
Single Lessons	.	.	.	.	.	.	75

**COMMERCIAL COLLEGE****Faculty\***

ALSTON ELLIS, PH. D., LL. D.,  
*President.*

CHARLES M. COPELAND, B. PED.,  
*Principal and Instructor in Accounting and Commercial Law.*

MABEL K. BROWN, PH. B.,  
*Instructor in Stenography.*

MINNIE FOSTER DEAN,  
*Instructor in Typewriting.*

GEORGE C. PARKS,  
*Instructor in Penmanship.*

Ohio University began, in 1893, to offer courses in commercial studies. The increasing demand for this kind of work justified the establishment and equipment of a separate department in 1899, with a course of study consisting largely of commercial branches and some required work in English and History. This arrangement gave the regular students of the University an opportunity to elect this work as part of their college course, and it is gratifying to note that many have improved the opportunity. These and the special students who had a good preparatory training were

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\* The required works in English, Modern Languages, Economics, Mathematics, Science, and History will be taken in the regular University classes.

greatly benefited and those who desired it have had no trouble in finding employment. But the greater part of the special students with meager preparation were poorly equipped for a successful business career even after they had made a good record in their commercial studies. The result of this experience has been the establishment of the Commercial College of the University with a course of study covering four years of required work, of which two years are preparatory and two collegiate, as outlined elsewhere in this catalogue.

Students in the Commercial College have the same privileges in the University library, reading-room, literary societies, and gymnasium as regular students, and may enter any of the preparatory or collegiate classes without extra charge. Commodious rooms in Ewing Hall have been well equipped for this work. The commission, wholesale and retail offices and the bank, in the office department, are models in arrangement, fixtures, and supplies. Here students receive the training that comes from filling the principal as well as the subordinate positions of such offices. In the bank they pass from the work of collection clerk to that of bookkeeper, teller, and cashier; in the railroad office they are agent and clerk; in the commission office, receiving clerk, shipping clerk, bookkeeper, and manager; in the wholesale office, shipping clerk, bookkeeper, and manager.

**ADMISSION**—Students wishing to take the Commercial Course will receive credit for whatever work they may have done elsewhere, provided they are able to present proper certificates from school authorities, or to pass a satisfactory examination upon entrance. Graduates of high schools having a four-year course will be admitted to the Two-Year Collegiate Commercial Course without condition.

**DIPLOMAS AND COLLEGE CREDIT**—Diplomas will be granted to those who complete the full Commercial Course. Students in other departments of the University may elect commercial studies and receive credit to apply on their regular courses. Students who have completed the Commercial Course will be granted a degree upon their completion of the additional work leading to that degree.

**SPECIAL STUDENTS IN ACCOUNTING AND STENOGRAPHY**—Persons wishing to take only Bookkeeping and Stenography

will be admitted as special students. Certificates showing the nature of the work done and signed by the President of the University and Principal of the Department, will be issued to students who complete three terms of Accounting or Stenography and have credit for the English, History, and Civics required in the first preparatory year. A passing grade in Penmanship will be required of those who receive the certificate for Accounting.

**FEES** — All students pay a registration fee of \$5.00 per term. Besides this, there is an extra fee of \$5.00 per term, for Stenography. The fee for Typewriting alone is \$2.00 per term. The fee for the diploma is \$5.00, and for a certificate, \$1.00.

**POSITIONS** — The University does not guarantee positions to graduates in any of the courses. However, only a small number of those who make a good record in work and conduct have trouble in finding desirable employment. The management of the Commercial College has always taken much interest in recommending students to places which they can fill, and no school in the country can show a larger percentage of its graduates at profitable employment. On account of the limited scholarship required in the average commercial school, its product is not in favor with progressive business men. A general culture as well as a knowledge of commercial branches is demanded of those who seek important positions. Such a course as the one outlined in this catalogue will meet the approval of those who are looking for competent help, and the young man or woman of good character who completes it will be in demand.

**COMMERCIAL TEACHERS** — High schools of all grades are organizing commercial courses. This creates a demand for competent teachers of commercial branches. The competition for these places is not strong, for many of those who are acquainted with the subjects to be taught are not eligible to high school positions on account of limited education or a lack of experience in teaching. Teachers who have had successful experience would do well to consider the commercial course of this College, with a view to high-school work. While pursuing this course they would have an excellent

opportunity to study Methods in Teaching in the classes of the State Normal College of the University.

### Description of Work

Those studies in the Commercial Course which are not described below are outlined under the head of the department to which they belong.

**ACCOUNTING**—Five hours per week for two terms. Beginning classes are formed each term. Ample practice is given in the system of accounts used in the various kinds of business from retailing to modern banking. It is the aim of this course to give the student a wide acquaintance with business methods and to secure proficiency in opening and closing books, journalizing, rendering statements, tracing errors, analyzing accounts, and drawing business papers. This course prepares teachers to teach Bookkeeping in high schools.

**OFFICE PRACTICE AND BANKING**—Five hours per week for one term and open to students who have taken Theory of Accounts. This work is on the inter-collegiate communication plan, and the transactions are with students of other colleges. The business correspondence growing out of purchases, sales, remittances, collections, making statements, and adjusting accounts, carried on with a number of advanced students in other cities, each one anxious to maintain a good record for his school, must certainly develop a high grade of efficiency in all the student's work.

**COMMERCIAL LAW**—Three hours per week in the Winter and Spring terms. This work deals in a general way with the subjects of contracts, agency, partnership, corporations, sales and negotiable paper, and is intended to give students a practical acquaintance with the fundamental principles of each. Considerable time will be spent in studying actual cases and in drawing business papers.

**CORPORATION ACCOUNTING**—Three hours per week in the Fall term and open to students who have had the required work in Theory and Accounts. This is a course in the organization, management, financing, and accounting of corporations.

**STENOGRAPHY**—In the business world there is an ever increasing demand for competent stenographers. It is the aim of this department to train young people to meet this demand. The course covers ten months, or three terms, with five recitations per week. Students of ability and industry are fitted to take a position at the close of the second term.

The first five months are spent in acquiring a knowledge of the elementary principles of the subject. From the sixth week the student takes dictation for a period a day from the phonograph. This practice continues through all the course, the matter dictated becoming more difficult as the student advances. In the middle of the second term the student is ready to take dictation of new matter. The course begins with simple commercial letters, followed by those more difficult, and then business and legal forms, including contracts, conveyances, wills, and court pleadings. All the notes are transcribed on the typewriter. Thoroughness is emphasized in all the instruction, and the student's work is not accepted until it comes up to the standard in neatness, accuracy, and form.

Students whose knowledge of English is not sufficient to enable them to make intelligent transcripts of their notes are expected to remove the deficiency by entering the classes of the Department of English which are open to all students of stenography without extra charge.

Beginning classes are formed every term.

**TYPEWRITING**—The student's first efforts are directed to acquiring a command of the keyboard by the touch method. This is followed by extensive practice in copying correct business papers, neatness and accuracy being insisted upon from the beginning. Dictation drills leading to high speed in writing are given both by voice and phonograph. Throughout the entire course of ten months daily supervision is given each student's work. All kinds of commercial and legal forms are studied, and each student is given thorough training in general office practice; such as, the use of the letterpress and carbon for record and for duplicating, the use of carbon and the mimeograph for manifolding, and the operation of the tabulator for billing and condensed charging.

The typewriter room is amply supplied with new standard machines and tabulators and is equipped with mimeograph, letterpress, phonograph, and all modern, up-to-date office appliances pertaining to this work.

During the second and third terms a systematic study is made of Punctuation, for which a credit of two hours per week is given.

Beginning classes are formed each term.

**PENMANSHIP**—Students in the Commercial course who do not write a good hand are required to take regular instruction. The constant aim in all exercises is to develop plain writing with an easy, rapid movement. Ornamental work will be given to advanced students who desire it.

### COMMERCIAL COURSE

#### Preparatory

##### First Year

##### Second Year

###### FIRST TERM

###### FIRST TERM

Elementary Rhetoric,	(5)	Elementary Physics,	(5)
Physical Geography,	(5)	English Literature,	(5)
U. S. History,	(5)	Ancient History,	(5)
Beginning Algebra,	(5)	Psychology,	(5)
Drawing,	(1)		

###### SECOND TERM

###### SECOND TERM

American Literature,	(5)	Elementary Physics,	(5)
U. S. History,	(3)	English Literature,	(5)
Algebra,	(5)	Mediæval History,	(5)
Elementary Physiology,	(5)	Commercial Geography,	(5)
Drawing,	(1)		

###### THIRD TERM

###### THIRD TERM

American Literature,	(5)	Advanced Rhetoric,	(5)
Civil Government,	(5)	Plane Geometry,	(5)
Algebra,	(5)	Modern History,	(5)
Botany,	(5)	Commercial Arithmetic,	(5)
Drawing,	(1)		

**COLLEGIATE**

<b>First Year</b>		<b>Second Year</b>
FIRST TERM		FIRST TERM
Accounting, (5)		Corporation Account'g, (3)
Freshman English, (3)		A Modern Language, (4)
Freshman U. S. Hist., (4)		Political Economy, (2)
A Modern Language, (5)		Stenography, (5)
Penmanship,		Typewriting,
SECOND TERM		SECOND TERM
Advanced Accounting, (5)		Commercial Law, (3)
Freshman English, (3)		A Modern Language, (4)
Freshman U. S. Hist., (4)		Political Economy, (2)
A Modern Language, (5)		Stenography, (5)
Penmanship,		Typewriting, (2)
THIRD TERM		THIRD TERM
Office Practice, (5)		Commercial Law, (3)
Freshman English, (3)		A Modern Language, (4)
Freshman U. S. Hist., (4)		Money and Banking, (3)
A Modern Language, (4)		Stenography, (5)
Penmanship,		Typewriting, (2)

Substitutions in the above course may be made upon the consent of the Faculty.

**COLLEGE OF MUSIC****Faculty**

ALSTON ELLIS, PH. D., LL. D.,  
*President.*

PROFESSOR JAMES PRYOR McVEY, DIRECTOR,  
*Voice, Piano, and Organ.*

MARGARET EDITH JONES,  
*Piano and Harmony.*

NELLIE H. VAN VORHES,  
*Piano and Virgil Clavier.*

CLARA BANCROFT,  
*Voice.*

MINNIE L. CUCKLER,  
*Piano and Pipe Organ.*

JOHN N. HIZEY,  
*Violin.*

MABEL B. SWEET,  
*Instructor in Public-School Music.*

This being a College of the University, its students are given the opportunity to acquire a liberal education, which is necessary for a complete rounding of a musical course. Too much stress cannot be laid upon this peculiar advantage—to the college student, that of the culture and refined taste

which must come of the association with a school of music, its recitals, concerts, lectures, etc., — to the student of music that of the intimate connection with a great seat of learning, having its libraries, laboratories, and lectures, its learned men, and its classic traditions.

## COURSES OF STUDY

### Elementary Work

Children should have instruction as early as possible, that they may cultivate the talent with which they are naturally endowed. This instruction should be the best, since without a good foundation no artistic excellence is possible. Even in the elementary department the pupils appear early in recitals, thus acquiring ease and precision.

### Preparatory Work

Technique is carefully studied. Care is taken to correct previous habits acquired from poor teaching. Taste and style are cultivated and the student is taught to grasp intelligently the composition and ideal of the composer.

### Normal and Artist Department

For those who expect to teach and those who expect to do concert or other professional work, the opportunities offered are excellent. Students of this College of Music have already gone into the different professional fields and have met with success born only of faithful study and excellent training. Special illustrated lectures on the art of teaching will be given and students from the different departments will be chosen to appear before the normal classes.

The sight-singing and choral classes will give helpful training to those who expect to take up choir work or to teach music in the public schools. The frequent students' recitals and concerts, the oratorio or opera given by the College, will afford ample opportunity for those who expect to become professional artists.

**Course in Piano**

GRADE 1—Theory of technique, simple exercises; little studies of Kohler, Gurlitt, Czerny, Loeschorn; elementary pieces by Clementi, Mozart, Gurlitt, and others.

GRADE 2.—Czerny's School of Velocity, studies by Duvernoy, Heller, Loeschorn; sonatinas of Mozart, Clementi, Kuhlau; pieces of Reinecke, Gurlitt, Heller, and Schumann.

GRADE 3—Loeschorn Studies, op. 67; Czerny School of Velocity; Bach's Inventions (two-voice); Trill Studies of Krause; Octave Studies by Jean Vogt or Kullak; Easier Studies of Cramer; Sonatas of Haydn, Mozart, Beethoven; pieces by Lack, Godard, Chaminade.

GRADE 4—Studies by Cramer; Octave Studies of Wolff; Daily Studies, Czerny; Bach Inventions (three-voice); Sonatas, Mozart, Dussek, Beethoven; Selections from Mendelssohn, Chopin, Schubert, Schumann, Raff, Scharwenka, Godard, Chaminade, Leschetizky, Tchaikowsky, and others.

GRADE 5—Clementi's Gradus ad Parnassum, Tausig's daily exercises, Mason's Touch and Technic, Bach's Well-tempered Clavichord, Chopin Studies, Henselt Studies, Sonatas of Beethoven; Liszt's Rhapsodies; Composition of Mendelssohn, Moscheles, Chopin, Rubinstein, Raff, and others.

**Course in Vocal Culture**

Individual voices differ so widely in their needs that this course can be indicated only in a general way.

GRADE 1—Lessons in breathing, voice placing, intervals, exercises for blending registers, tone-production (continued throughout the course as needed); Studies by Concone, Vaccai, and others; easy songs by Americans, English, and German composers.

GRADE 2—Intervals with portamento, scales, arpeggio, solfeggio; Studies of Concone, Marchesi, English, Ballads, Mendelssohn's Songs, Sacred Songs.

GRADE 3—Scales, arpeggio, turns and trills in more rapid tempo, vocalises of Concone, Marchesi, English, German, French, and Italian songs; more difficult church music.

GRADE 4—Major and minor scales, chromatic scales,

Concone's Fifteen Vocalises, recitative and aria, German, French and Italian Opera, easier oratorio arias; more difficult songs of Schubert, Schumann, Grieg, Jensen, Liszt, Lassen, Brahms, and others.

GRADE 5—Bravura and Coloratura singing; difficult concert songs; complete opera and oratorio with traditional rendering; special study of Creation, Redemption, Elijah, Messiah, and the Passion music of Bach.

Students of voice expecting certificates must know enough of piano to play simple accompaniments.

SPECIAL NOTICE—A well-planned, thorough course in Public-School Music is offered. See descriptive statement connected with the State Normal College.

### Pipe Organ Course

Students of organ must have had at least one year's work in piano.

GRADE 1—Stainer's Organ Primer, Merkel's Organ School, Rink's Second Book; Hymn Playing, Transposition; Theory.

GRADE 2—Dudley Buck's Studies in pedal Phrasing, Rink's Third Book; easier church anthems, accompaniments; Harmony.

GRADE 3—Lemmon Organ School, Part 1, Rink's Fourth Book; pieces by Batiste, Wely, Widor, West, Guilmant, and others; Counterpoint.

GRADE 4—Rink's Fourth Book, Mendelssohn's organ sonatas, Bach's Fugues; accompaniments and Masses, oratorios, etc.; Counterpoint, Canon, and Fugue.

### Course in Violin

GRADE 1—Hermann Method—Book 1, Kayser—thirty-six progressive studies Op. 20, (Nos. 1 to 18), Easy Pieces by Dancla, Papani, Bohm, Hermann, etc.

GRADE 2—Hermann Method—Book 2, Schradieck—Finger Exercises, Kayser—thirty-six progressive studies Op. 20 (Nos. 19 to 36), Mazas Etudes Op. 36. Selected pieces for violin and piano.

GRADE 3 — Schradieck — Scales, Kreutzer — Etudes, Flollo — Etudes, Concertos by Rhode, De Beriot, Solos by Alard, Rode, etc.

GRADE 4 — Schradieck — Chord studies and double stops, Rode — twenty-four Caprices, Alard — twenty-four Caprices Op. 11, Concertos and solos by Rhode, Viotti, De Beriot, etc.

GRADE 5 — Bach's Sonatas for violin solo, Schradieck — twenty-four studies Op. 1. Dont Gradus ad Pernassum Etudes et Caprices Op. 15, Solos by Wieniawski, Vieux-temps, etc.

### **Harmony and Composition**

The completion of this course is required of all who expect a certificate in piano, voice, or violin. Text-books will be at teacher's discretion.

GRADE 1 — Intervals, definitions, scales, chords in all keys, formation of the chord of the Seventh, resolution of the dominant seventh in all keys, harmonizing given basses, writing from sound, diminished sevenths, resolutions, augmented chords.

GRADE 2 — Modulation, suspensions, writing from sound continued, open harmony, passing notes.

GRADE 3 — Harmonizing melodies, practical harmony, improvisation, single and double chants.

GRADE 4 — Chorals, harmonizing a given soprano, alto, tenor, and bass. Harmony in more than four parts.

A choral club meets once a week for the study of oratorio and opera.

A class in sight-singing meets daily.

Student's recitals are given every two weeks, all the students in turn appearing, at the discretion of the teachers.

Examinations are held at the beginning of each term for admission to the college orchestra.

### **Languages**

No vocalist is properly prepared for his work who is not able to sing in German and French as well as in English. In this particular the advantages of this school are superior to those of any similar school of music, the University course

in these tongues being open to all. Instruction is given also in the pronunciation of Spanish, Hebrew (for synagogue singing), Latin (for Catholic church music), and Italian.

### **Band and Orchestra Instruments**

Instruction can be had in cornet, clarionet, mandolin, guitar, etc., if desired.

### **Expenses, Including Registration Fee**

Piano Lessons (two per week)	elementary grades.....	\$12 00
Piano      "	advanced grades.....	15 00
Voice     "	.....	15 00
Violin    "	.....	15 00
Organ     "	.....	15 00
Rent of piano, one hour per day for each term.....		2 00
Concerts .....		50

Students of the College of Music who have paid the regular registration fee of \$5.00 are entitled to pursue other regular college work without paying additional fees.

Every student is under the rules of the University and can profit by its advantages.



THE STATE NORMAL COLLEGE  
OF  
OHIO UNIVERSITY

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FACULTY\*

ALSTON ELLIS, PH. D., LL. D.,  
*President.*

HENRY G. WILLIAMS, A. M.,  
*Dean of the State Normal College and Professor of  
School Administration.*

FREDERICK TREUDLEY, A. M.,  
*Professor of Philosophy and Sociology.*

OSCAR CHRISMAN, A. M., PH. D.,  
*Professor of Paidology and Psychology.*

FRANK P. BACHMAN, A. B., PH. D.,  
*Professor of the History and Principles of Education.*

EDSON M. MILLS, A. M., PH. M.,  
*Professor of Mathematics.*

WILLIAM FRANKLIN COPELAND, M. PH., PH. D.,  
*Professor of Elementary-School Science.*

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\* The instructors named above teach principally in Normal-College classes. Members of the University Faculty have work, in the Normal College, of a nature indicated by the University Departments with which they are connected.

HIRAM ROY WILSON, A. M.,  
*Professor of English.*

MARY ELLEN MOORE, A. B.,  
*Instructor in Latin.*

EMMA S. WAITE,  
*Principal of Training School.*

MARY JUANITA BRISON, B. S.,  
*Instructor in Drawing and Hand-Work.*

MABEL B. SWEET,  
*Instructor in Public-School Music.*

LILLIE A. FARIS, AMY M. WEIHR, PH. M., B. PED.,  
OLIVE A. WILSON, WINIFRED L. WILLIAMS, AND  
MARGARET A. DAVIS,  
*Critic Teachers.*

CONSTANCE TRUEMAN MCLEOD, A. B.,  
*Instructor in Kindergarten Education and Principal of  
the Kindergarten School.*

## TRAINING FOR TEACHING AT OHIO UNIVERSITY

Ever since 1886, the Ohio University has made provision for the training of teachers in its Normal Department. This owes its existence to legislation, May 11, 1886, whereby the sum of \$5,000 was appropriated for its establishment. The appropriation was accepted by the Board of Trustees and made effective through the efforts of its committee, the chairman of which was Dr. John Hancock, since deceased. This committee placed Dr. John P. Gordy at the head of the new department and its special work was entered upon in September of the same year. Two courses of study were offered, an "*Elementary*" and an "*Advanced*," and the latter was made equal to and parallel with the other college courses then existing.

At the regular session of the 75th General Assembly of

Ohio, March 12, 1902, H. B. No. 369--Mr. Seese--became a law.

The State Normal College of Ohio University owes its existence to a provision of this Act. Section 2, of said Act, requires the University Board to organize "a normal school which shall be co-ordinate with existing courses of instruction, and shall be maintained in such a state of efficiency as to provide proper theoretical and practical training for all students desiring to prepare themselves for the work of teaching.

Section 4, of an Act of the Legislature dated April 16, 1906, creates a special fund for the support of "the State Normal School or College in connection with the Ohio University." This fund is derived from a mill tax of one and one-half one-hundredths (.015) of one mill upon each dollar of all the taxable property in Ohio. The annual income thus derived amounts to about \$33,000.

The law of 1902 explicitly states that the school shall be established for the training of "*all* students desiring to prepare themselves for the work of teaching." This is surely comprehensive enough to permit the carrying on of all grades and kinds of normal-school work. In fact the language used is mandatory and contemplates the founding of a school in which the graduates of the common school, the high school, and the college shall have opportunity for "theoretical and practical training" for the work of teaching. At present, in Ohio, there are twelve times as many teachers employed in elementary schools as in high schools. Important as is the work of the high-school teacher, that of the elementary or primary teacher is, admittedly, more so. The latter work is fundamental, and upon its character depend in large measure the breadth, depth, and ultimate value of much of the work of the secondary school. Then, too, it must be kept in mind that by far the greater number of those enjoying public-school advantages never, as pupils, see the inside of a high school. These considerations suggest that normal-school work should, first of all, be planned to meet the wants of those preparing for service in the elementary schools. The higher grades of academic and professional training will

follow, in any right-ordered, well-rounded scheme of normal-school organization, as a matter of course.

### THE FUNCTION OF THE NORMAL SCHOOL

In a general way it may be stated that the function of a normal school is to train persons for the work of teaching. If teaching is to become a profession in the true sense, those who expect to follow it must receive special training. By professional training we mean a special training beyond mere scholarship in language, art, mathematics, science, history, etc., including special preparation and training in those lines of thought and action which have to do particularly with the teaching process. This preparation should include a broad scholastic training as a foundation upon which should be built the superstructure of special knowledge. No amount of knowledge of pedagogy will take the place of a broad culture in literature, history, science, mathematics, and other generally recognized college subjects, but this knowledge of pedagogy and related professional subjects is very essential in the equipment of a man or woman trained for the schoolroom.

Persons who expect to enter the profession of law, ministry, medicine, or dentistry, are first required to obtain a somewhat broad scholastic training upon which is built a professional knowledge looking to the particular profession they desire to enter. It is this special training that furnishes the equipment that makes a man a physician rather than a lawyer. In three of the professions named the state not only protects those who wish to enter the profession, but also protects the people served by the members of that profession by making statutory requirements of those who seek admission to it. Surely the work of teaching should require as much special training as that of any of the other callings named. Before a man is permitted to extract your teeth he is required to produce evidence of professional fitness, and that evidence must have state recognition. It is not so with those who pretend to teach. Not even a high-school graduation is required by the laws of this state. There is absolutely no restriction as to scholarship, age, or special fitness,

except as found in the judgment of the county or city examiner. Why should the training of the common school or the high school bring a person nearer the threshold of one profession than that of another? If teaching is ever to become a profession the need of this special training must be recognized. Teaching is such a difficult, complex, and ever-changing process that more skill is required to teach a growing child as he should be taught, than to try a case before the bar of justice. To unfold the possibilities of a child's soul is a more delicate matter than the compounding of medicines or the use of the surgeon's knife. To unfold the senses, train the intellect, and direct the will of the child require more discipline of mind and a greater breadth of view than to preach a sermon.

Approximately 26,000 teachers are necessary to supply the public schools of Ohio, 24,000 of whom are required for the elementary schools—that is, the grades below the high school in the towns and cities and the ungraded schools of township and village districts. It has been somewhat carefully estimated that about 6,000 of these teachers are new in the work each year. This means that an equal number of teachers leave the work of teaching each year. Various causes may be given for this constant changing in the personnel of the great body of teachers. Who are these 6,000 young, inexperienced teachers admitted to the school rooms of Ohio each year, armed with the protection which a teacher's certificate affords? They are usually earnest, wide-awake young men and women (or boys and girls) who are anxious to do their best—to teach according to the best models they have had presented to them. Very few are college or normal-school graduates. Not a large percentage are graduates of high-schools. These new teachers are usually young people, who by their own efforts, unaided or misguided, have obtained enough technical knowledge to enable them to pass a teacher's examination, but who have formed no adequate conception of the duties and responsibilities of the teacher; young people who are entirely ignorant of the great body of fundamental knowledge underlying the science and art of teaching.

Although high schools are multiplying rapidly and are growing more and more efficient year by year, yet many of these young people have never had the opportunity of high-school training. Besides, a knowledge of high-school subjects is not required of the applicant who seeks admission to the examination for a teacher's certificate. Therefore, high-school graduation can not wisely be made the standard of admission to our State Normal Schools so long as the laws governing the certification of teachers remain as they are at present. The state can not wisely close her doors against these young people who seek admission to the profession, nor against that large body of teachers already enrolled in the work who have educational qualifications but little higher than the graduate of the common schools. Better training must be provided for them. The law establishing these State Normal Schools says that they shall "provide theoretical and practical training for all students desiring to prepare themselves for the work of teaching." The needs of the class referred to as graduates of the common schools or as those having only equivalent education, are carefully met by the course of study beginning at the point of graduation from the common schools. In this connection we desire to call attention to the three-year preparatory course leading to the regular two-year college course in Elementary Education, found elsewhere in this catalogue. Attention is also called to the fact that persons holding a teacher's certificate may complete this course in two years or less. Teachers of much experience may enter the two-year college course and be conditioned on preparatory work.

Much has been said and written concerning the relative strength of normal-trained and college-trained teachers. It must be admitted that a person who has learned how to do a thing can do it better than one who has not learned how. The scientific purpose of the normal school is to teach persons how to teach, but such knowledge must presuppose a knowledge of what to teach. The teacher who is to be capable of the best service should have both scholastic and professional training. It must not be forgotten that normal training is not necessarily all professional, so called. The

school that can combine these two essentials in the teacher's preparation should certainly be sought. In the Normal College of Ohio University this happy combination is found. Each of the courses offers a collegiate training in academic and culture studies in addition to the training along distinctively professional lines. All studies in the several courses in the College of Liberal Arts are open to students of the Normal College. To be admitted to any of the regular courses in the Normal College a student must have made a preparation equal to that required for admission to any other regular college course. No one need fear that the instruction in the State Normal College will be in any sense inferior to the best instruction given in the University, as Normal College students are taught in the same classes by the same professors, and have access to all the privileges of the University.

But there are now engaged in the schools of Ohio thousands of worthy teachers who could not measure up to the ideal standard of college admission. They will give the schools more years of service than many of those who spend years in preparation. If, therefore, the purpose of the normal schools in Ohio is to provide better teaching for the children in the public schools of the State and thus give back to the people something in return for their support of the normal schools, should not the normal schools open their doors to these teachers? Such teachers are encouraged to attend the State Normal College of Ohio University where they will be carefully guided in the selection of such studies as will make them more efficient. Our duty in this matter is plain.

The attention of prospective students is invited to the several courses of study, in the State Normal College, found elsewhere in this catalogue. These courses have been prepared with much care and represent the results of a careful study of the courses in operation in all the leading normal schools in this country, together with the ripest wisdom and best judgment of those who have given many years to a study of the training of teachers. The experiences of other states have been of service in mapping out such courses

of study as will best fit the local conditions, touching the needs of the great mass of the teachers, existing in Ohio.

The three-year course in Elementary Education is designed for those who have less education than that obtainable in a high school of the first grade, under statutory classification. Students are admitted to that year or class in this course for which their previous attainments qualify them. Persons who hold any grade of teacher's certificate will be excused from the work in the common branches in the first year of this course.

The two-year college course in Elementary Education is designed for those who have graduated from high schools of the first grade or who possess equivalent scholarship. Both courses in Elementary Education lead to a diploma from the Normal College.

*The four-year courses in Secondary Education are the equals in scholastic requirements of any other courses in the University.*

### COURSES OF STUDY

FOR TEACHERS OF COUNTY SCHOOLS.—Almost one-half the teachers in Ohio are required to teach the rural or country schools. The State Normal School authorities realize that these teachers usually have the most difficult of all teaching to do, because of the many grades of pupils under the instruction of a single teacher. It is also true that the majority of teachers employed in the rural schools have not had educational advantages of an academic character equal to those of the town and city schools. These two facts make a double handicap for many country teachers. The State Normal School at Athens recognizes these conditions and realizes also that the people in rural communities are paying exactly the same rate of tax for the support of the State Normal Schools as are the people in the cities. These schools belong to all the people of Ohio, and the special training offered to prepare teachers to return to these country schools as teachers possessing a high-grade efficiency is given with a full knowledge of the needs of such teachers and of the conditions prevailing in the country schools. The reason so

many of the graduates and trained students of the State Normal College do not return to the country schools is because the towns and cities outbid the township boards of education and pay often from \$100 \$400 a year more than the townships will pay for the same instruction. Sometimes this is due to the fact that the townships can not pay more. In such a case it is the plain duty of the state to aid such township, making it possible for it to secure the services of trained teachers. It has just as much right to them as the cities.

Frequently, however, the fault is with the township board or the people, who see no difference in teachers, but who will pay inexperienced, untrained teachers as much as they are willing to offer to trained and experienced teachers. A higher ideal of the work of the teacher is needed.

But the State Normal College offers special training in all the so-called common branches for those who need further drill in these subjects to enable them to teach them better or to secure better certificates. At the same time emphasis is placed upon the methods of teaching these subjects in the country schools. Almost every teacher and professor in charge of the work in the State Normal College has had practical experience in actual teaching in the country schools, and these people have a clear and accurate vision of the actual needs and environments of the country school. Besides, it is one of the cardinal principles of the State Normal School to make constant study of rural-school conditions in Ohio.

Courses are given in Orthography, Reading, Penmanship, Arithmetic, Grammar, Language Lessons, United States History, Civil Government, Geography, Physical Geography, Commercial Geography, Physiology, School Management, School Law, Theory and Practice, Grading and Organizing Country Schools, the Course of Study, Nature Study, Elementary Agriculture and everything that a progressive country school needs. Special emphasis is placed upon the problems of country-school organization and management. There is no teacher of the country school who could not be greatly helped and encouraged by attending even a single

term at the State Normal School at Athens. Students may enter at any time, study whatever they wish if they are qualified to enter the classes, and no entrance examinations are required. The dean of the Normal College will confer with students and advise them as to the studies they should pursue, but all assignments are made wholly in the interests of the student.

Students who complete this three-year course for rural teachers will be given a State Normal School certificate, showing the degree of efficiency attained. Additional studies will entitle the same students to graduation from the course in Elementary Education, for which a State Normal College diploma is granted. This course for country teachers is for students who have not had the advantage of a high-school course, but who come from the common schools, possessed with ambition to win success in the teaching profession.

**FOR GRADE TEACHERS.**—For teachers and students who are ambitious to teach in the graded elementary schools of the towns and cities, two courses are offered. For those who are graduates of good high schools, a two-year college course is offered, covering advanced reviews of all the common branches, each pursued in the light of the best methods of teaching the subject in the grades (by "grades" is meant the elementary school—all the work below the high school, usually divided into eight grades, or years); courses in Principles of Education, both Primary and Grammar-Grade Methods, School Management, Training in Teaching, Paid-ology, Drawing, Music, Nature Study, English, Mathematics, the Elementary Course of Study, History of Education, History, Science, etc., but no foreign language is required in this course. It covers two years, and each graduate from this course is given a State Normal College diploma. This diploma represents as much scholarship and training as graduation from any one of the half score of highest-grade state normal schools in the United States. In nearly every state such a diploma is recognized as a life diploma to teach, or at least as a state certificate to teach, and the time can not be far distant when Ohio must so recognize the products of her own schools.

The other courses for those who seek to teach in the graded schools of towns or cities is similar to the one above described, except that it does not require graduation from high school. Those who do not hold four-year high school diplomas are required to complete the State Normal School preparatory course, by pursuing such studies there marked out as they have not completed before entering the State Normal School. The completion of this course admits the student to the two-year Normal College course, the same as graduation from a high school of the First Grade.

FOR HIGH SCHOOL TEACHERS.—The course for high school teachers is a full four-year college course, and graduates are granted the degree of Bachelor of Pedagogy, the full equivalent in scholarship and literary culture of any bachelor's degree. This course is so arranged that not less than three years of specialization shall be made by the student upon at least one collegiate subject—History, Science, Mathematics, Latin, German, Greek or English. This renders every graduate from this course competent to teach in a highly successful degree at least one subject in secondary education. But the high-school teacher is just as much in need of a knowledge of pedagogy and of training in actual teaching under skilled supervision as the teacher of the elementary school. Here is where most schools fail in the training of high school teachers. The Report of the Committee of Seventeen, on the Professional Preparation of Secondary Teachers, issued in 1908, strongly emphasizes the importance of training in observation and practice on the part of all who would teach in our high schools. It is not enough that such teachers shall know Latin and Greek and geometry and everything else they undertake to teach, but these same teachers need to be *trained to teach* these subjects. A knowledge of subject-matter alone will not make a teacher of its possessor. Neither will the additional knowledge of Psychology, Principles of Education, History of Education, Methods, School Systems, Administration, etc., insure success. These will help greatly, but the crucial test of every teacher is the actual work in the class-room. For years we have emphasized the importance of the training of the ele-

mentary teacher, but have continued to accept the inexperienced, untrained college graduate as the high-school teacher. As a result there is more poor teaching done today in the high schools than in the grades of the same town or city. We need *trained* high school teachers.

Ohio University and State Normal College have a State Preparatory School for the instruction of those who have not completed a four-year high school course, and skilled teachers, nearly all of them heads of college departments, do the teaching here—in Latin, Algebra, Geometry, History, Literature, Rhetoric, Botany, Chemistry, Physiology, German, Greek, Physics and all other secondary-school subjects. Students in the State Normal College who are pursuing either the course for high-school teachers or the course for superintendents are not only *permitted* to teach these secondary subjects, but are *required* to do so, and always under the skilled instruction and guidance of the head of the department in which the teaching is done, as well as under the direction of the professor of methods and teaching. A teacher in training for high school work must show proficiency to a high degree in teaching at least one high-school subject before a diploma will be granted.

Such training is invaluable, and a school that can not offer thorough training of this nature is not fully equipped to train teachers for the high schools.

**COURSE FOR SUPERINTENDENTS.**—Special attention is called to the four-year college course for superintendents and principals. It is similar to the course for high-school teachers, but its chief differentiation lies in the broader training in methods, courses of study, and administration. Those who pursue this course are not required to spend three years in specialization on one subject. In each of these four-year courses three-fifths of the entire course is required and two-fifths may be made up of collegiate subjects selected by the student. In this way a student may pursue as electives the required subjects for the A. B. degree and by a little extra effort secure both degrees.

**FOR COLLEGE GRADUATES.**—Graduates of reputable colleges may pursue a course of one year in length and receive

the degree of Bachelor of Pedagogy. All the work of this course is of a professional nature and is well adapted to meet the needs of those who desire to teach in the elementary schools or high schools or to serve as superintendents, due to the fact that all the work of this course is elective, the subjects to be chosen from groups of subjects offered. In this way a college graduate may specialize in any line or lines of work desired.

COURSES FOR PRIMARY TEACHERS.—Very frequently a teacher desires to make special preparation for work in the First Grade, or D Primary. Excellent opportunities are offered such students. They are permitted to take special work in Primary Methods, do more than the minimum of 115 hours of teaching, take a special course in Kindergarten Methods, do special work in the matter of lesson-planning for the First Grade, and devote special attention to Nature Study, Language, Music, Drawing, etc., to fit them for positions as special Primary Supervisors. If a teacher desires to confine her work to the work of the first four grades—that is, to the primary school as distinguished from the grammar school—opportunity is afforded for such specialization, and all the practice teaching of such pupil-teacher will be confined to the Primary Grades in the Training School. Those who desire to make special preparation for teaching in the Grammar Grades may confine their practice teaching to the Grammar Grades of the Training School.

THE KINDERGARTEN.—Special attention is directed to the fact that the State Normal College has opened a first-class Kindergarten, under the skilled direction and teaching of a specialist of much experience, who not only teaches the Kindergarten, but trains prospective kindergartners. This is the only State Kindergarten in Ohio, and this addition to the already wide-range course of instruction in the State Normal College comes in answer to a demand for a course of instruction that would prepare young ladies for positions as kindergarten teachers, as the kindergarten is now a part of the public-school system of Ohio, and all boards may make a special levy for the support of kindergartens.

NEW DEPARTMENT OF ELEMENTARY-SCHOOL SCIENCE.—It

is with peculiar pleasure that the State Normal College announces as a new department that of Elementary-School Science, consisting of courses in Elementary Agriculture, Nature Study, Geography, Physical Geography, and Biology and Physics for the Elementary School. A specialist of broad and practical experience has been employed, a fine laboratory has been equipped, and opportunities are here offered that are not excelled in any state normal school in this country.

THE TRAINING SCHOOL.—The very center of a normal school is its Training School. A theory of teaching must stand the test of actual practice under normal conditions. Ever since the State Normal College of Athens was opened it has maintained a Training School. This training School now covers work in the Kindergarten, the Primary Grades, the Grammar Grades and the High School—the full range of teaching in public schools. This Training School consists of well-graded and closely-articulated schools of the primary and grammar grades, followed by the State Preparatory School for high-school practice. Each school or grade consists of about forty children, and is a real school in every sense. The Normal College has, under its own roof and its own control, the pupils from about one-third of the city of Athens—the portion of the city in which the university is located. These, then, are all real schools, not small schools of selected children, but schools in which real conditions exist. Collectively, these schools constitute our Training School. During the first year of the student's training the Training School is used as an observation or Model School, in which the teaching is all done by the Critic teachers, who are trained teachers regularly in charge of each room. During this first year the student or pupil-teacher takes lessons in observing the work done and in reporting on what he sees. During the second year, after the student has taken a thorough course in Methods, Psychology, Observation, and Principles of Education, he is required to teach in these schools, the work being adapted to his tastes or to the grades in which he wishes to specialize. The Training School is now to him a Practice School. This teaching is done under the

guidance and supervision of the Critic Teachers and the Training Supervisor.

A similar plan is followed by those who are training for high-school positions. They observe the teaching of Physics, Botany, Algebra, Geometry, Literature, Rhetoric, Latin, German, History and other secondary-school subjects. Before graduation each candidate for a degree must teach one or more of these subjects not less than 115 hours, or lessons, and this teaching must be of such character as will be accepted by the college authorities.

## DEPARTMENT OF SCHOOL ADMINISTRATION

PROFESSOR WILLIAMS.

The general aim of this department in the Normal College is to give the student a broad and comprehensive view of the various factors in school administration, to give him a detailed and critical view of the problems of school organization, school management, school discipline, school hygiene, school architecture, the course of study, the classification and grading of pupils, and to lead him to understand school law as it relates to school administration. The courses may be briefly outlined as follows:

### 1. School Admission and School Law

This is a three-hour course for one term and includes a study (1) of School Organization under the heads of parties to the school organization, a study of existing systems, the function of the public school, the teacher as a factor in organization, etc.; (2) School Law, including a critical study and analysis of the Ohio School Laws and topical study of the relation of school law to the effectiveness of school systems; (3) School Hygiene, including school architecture, school environment, ventilation, lighting, seating, fatigue, contagious disease, defective hearing, and defective vision; (4) School Management and School Discipline, with their various problems. The Ohio School Laws will be made the basis of the work in School Law. Chancellor's "*Our Schools and Their*

*Administration,"* is made the basis of this course. Much of the work, however, is in the form of a library and lecture course.

## 2. The Elementary Course of Study

In this course of three hours for one term the great problem is to know how to shape the school to conform to the child's mental nature, how to adjust the work of the school so as to give the child at all times the amount and kind of work needed at various stages of his development, and how to determine what is of most worth in a course of study. The aim is to point out great underlying principles determining educational values, to discover the fundamental principles determining the content and order of a course of study, to discover the constant but ever varying relation existing between what the child studies and what he is, to indicate to the teacher the positive and fixed necessity of constant articulation in the subject-matter in a course of study. It is also the aim to familiarize the teacher with laws external to the course of study itself, determining what the course shall be, such as the demands of society and the laws of the child's mental development, each indicating certain lines of necessary deflection from the direction which a knowledge of the nature of the subject-matter alone would indicate to the teacher. The course also includes a study of the order of subjects, concentration and correlation of subject-matter, the daily program of work, the recitation, and a detailed study of the principles involved in the construction of a course of study for a school or a system of schools. In this last study the student is taken over the details of the Elementary Course of Study, and courses in Arithmetic, Language, History, Geography, and Science are written under the direction of the instructor.

The texts used as a basis in this work are Dr. Charles McMurry's "*Course of Study for Elementary Schools,*" and Williams's "*Course of Study for Ohio Schools.*"

## 3. Secondary Course of Study

This course will inquire into the principles governing the selection of subjects for the Secondary Course, the order of

presentation of these subjects, the purposes of secondary school training, the relation of the secondary school to the elementary school on the one hand and the college and the technical and professional schools on the other. The particular methods of instruction demanded by the secondary school and how these methods must differ from the methods employed in lower and in higher schools, will receive careful study from the pedagogical view-point.

The texts used are DeGarmo's "*Principles of Secondary Education*," "*Report of the Committee of Ten*," and "*Report of the Committee of Seventeen on the Professional Training of High-School Teachers*."

#### 4. Supervision and Criticism

This is a three-hour elective, except in the Course for Superintendents and Principals, and is given during the Spring term and occasionally repeated in the Summer term. The purpose is to cover all the leading problems of administration and supervision. For those who are preparing for the work of supervision certainly no course in the Normal College could be more valuable. At least once a week Round Table discussions of the leading problems of supervision will be conducted by members of the Normal College faculty who have had broad experience in practical supervision.

This course is wholly a library and lecture course, and the student is referred to important papers and addresses in the N. E. A. Reports, Magazines, etc.

### DEPARTMENT OF THE HISTORY AND PRINCIPLES OF EDUCATION

PROFESSOR BACHMAN.

The work of the Department is four-fold: to trace in connection with western civilization the development of educational theory and practice, to study existing schools and school systems, to formulate upon the basis of past experience, present thought, individual and national needs those general principles which should control the work of the public

school, and to apply these results to methods of teaching the subjects of the common schools.

### **History of Education**

The work in the History of Education is differentiated so as to meet the needs of teachers in the different grades of public-school work. It consists of the History of Elementary Education, History of Secondary Education, and a course combining both the History of Elementary and Secondary Education. The method of study of any given period consists, first, of a general review of the determining factors in the civilization of the period; second, of a consideration of the educational theorists; third, of a study of the educational practice of the period as seen in the aim of education, school system, grade of instruction, curriculum methods, teachers, discipline and school organization; fourth, of a discussion of the permanent phases in the educational work of the period.

1. **THE HISTORY OF ELEMENTARY EDUCATION** is designed for elementary teachers and is required in the "Course in Elementary Education." It consists of one term's work in the Spring term of the fifth year. The chief emphasis of the course will be placed upon the "History of Modern Education." This will be studied with special reference to the development of the elementary educational theory and the development of elementary schools in Germany, France, England, and the United States.

2. **THE HISTORY OF SECONDARY EDUCATION** is especially adapted to the needs of secondary teachers, and is required in the "Course in Secondary Education." It includes work in the Fall and Winter terms of the Senior year. This course is open to Juniors as an elective. A rapid survey will be taken of Grecian, Roman, and Mediæval Education. The "Modern History of Education" will be studied with special reference to the development of the theory of secondary education, and the development of secondary schools in Germany, France, England, and the United States.

3. **THE HISTORY OF ELEMENTARY AND SECONDARY EDUCATION** is designed for the needs of principals and superin-

tendents. It is required in the "Course in Supervision," and comprises three terms' work in the Senior year. The time of the course will be about equally divided between Ancient and Mediæval, Modern European and the History of Education in the United States, and the development of both elementary and secondary educational theory and practice will be traced.

### School Systems

One term is devoted to the study of Foreign and Domestic School Systems and is required in the Senior year of the "Course in Supervision." It is offered as an elective to Seniors. Of foreign countries, the systems of Germany, France, and England will be considered. A study will be made of the central and local organizations, of the different grades of schools, the relationship of these schools, their respective aims, organization, curriculum, methods, discipline, and teachers. A similar plan will be followed in studying the School Systems of the United States. The instruction will be centered, however, upon the work of the general government and upon the systems of Massachusetts, California, and Ohio. Much attention will be given to Ohio, and comparison will be made between the System of Ohio and that of other states and foreign countries.

### Principles of Education

1. ELEMENTARY PEDAGOGY — This course aims to meet the needs of those wishing to prepare for the County Examination for the first time. A simple presentation will be made of those portions of the subject which will be of the greatest usefulness to those desiring such a course. This course forms no part of the systematic work in education; it is designed alone for those whose time is exceedingly limited. Students who expect to remain in school are earnestly advised not to take it.

2. INTRODUCTION TO THE PRINCIPLES OF EDUCATION — This work covers two terms and is required of all students in the "Course in Elementary Education." The object of the course is to serve as an introduction to the general principles underlying the work of the elementary school. It

serves as a basis of all the more advanced work in Methods, School Management, etc., and should be taken before these. An introductory study will be made of practically the same problems as are considered in the principles of Education. See 3 below.

3. THE PRINCIPLES OF EDUCATION—Two terms are given to this work, and it is required of all Normal College students except those in the "Course in Elementary Education." The work may be taken by the students of the University as Junior elective. It consists of a consideration of the following topics: (1) The Determination of the Aim of Education; (a) The Individualistic Character of Society; (b) The Social Character of the Individual; (c) The Individual as a Voluntary, intellectual Organism; (d) The Meaning and Aim of Education; (2) The Determination of the Curriculum; (a) The Demands of Society; (b) The Demands of the Community; (c) The Demands of the Child; (3) The Determination of Instruction; (a) Adaptation; (b) Induction; (c) Deduction; (d) The Method of the Recitation; (4) The Determination of School Organization; (a) The Aim of Education; (b) Instruction; (c) The Child.

4. COMPARATIVE STUDY AND THEORY OF SECONDARY EDUCATION — This course comprises a term's work in the Spring term of the Junior year, and is required of students in the "Course in Secondary Education"; it is also offered as a Junior elective. The course purposes to make a comparative study of typical American secondary schools, of the English public schools, of the Prussian Gymnasium, and of the French Lycée, and to apply the Principles of Education to the work of the secondary school. The following problems will be considered: The Relation of High School to the Elementary School, The Relation of the High School to the College and to Practical Life, The Aim of High School, Curriculum, Electives, Methods of Instruction, Teachers and Organization.

### Methods

The work in Methods includes the application of the principles of education to the teaching of the various subjects of the curriculum. It involves: (1) a consideration of

the nature and character of the materials of a given subject and of the larger conceptions and principles that dominate its organization and constitute its essential worth as a school subject, (2) the determination of the aim of instruction in the given subject, (3) the selection and arrangement of the materials, and (4) the development of methods of presentation in the different grades and under normal conditions.

Methods in secondary school subjects are given by the heads of the different college departments, while primary methods are given by Miss Emma S. Waite, Principal of the Training School. Methods as far as given by this Department are confined to the subjects of the elementary school and to the work above and including the Fourth grade. Courses are given in the following subjects: Reading and Literature, Geography, Mathematics, History, and Elementary School Science. This work is distributed over three terms and is required of all students in the "Course in Elementary Education."

## PAIDOLOGY AND PSYCHOLOGY

PROFESSOR CHRISMAN.

The purpose of the work in Paidology, the science of the child, is to give a knowledge of child nature. It is intended to give students what has been learned about children, to fix in them the habit of observation and study of children, and to help them to an understanding of child life under the various conditions in which it is found.

The purpose of the work in Psychology is to give a knowledge of mind action in its various conditions. It is purposed to acquaint students with such facts of mind as have been gained through various sources, to help them to a better understanding of their own mental activities, and to give them power to apply this knowledge.

In both Paidology and Psychology laboratory facilities are afforded whereby much of the work is carried on experimentally, so that not only is there opportunity given for learning the subject-matter but also for applying the work

so as to give further power that will greatly aid in mental growth. In the courses in which laboratory work is done, there is a fee of fifty cents per term.

The details of the work of this Department are given herewith. All the courses give full college credit and, where not required, can be elected by students in any of the colleges of the University.

### WORK BY TERMS

#### Fall Term

**INTRODUCTORY PSYCHOLOGY**—Freshman, five hours, required in the Courses in Elementary Education and in the Commercial Course.

**PAIDOLOGY (CHILDHOOD)**—Sophomore, four hours, required in the Courses in Elementary Education.

**EXPERIMENTAL PSYCHOLOGY**—Junior, four hours, required in the courses leading to the degrees of A. B., B. S., and B. Ph.

**PAIDOLOGY (ADOLESCENCE)**—Junior, three hours, required in the courses leading to the degree of B. Ped.

**ADVANCED PSYCHOLOGY**—Senior, three hours, elective.

**PAIDOLOGY (PRENATALITY)**—Senior, three hours, elective.

#### Winter Term

**PAIDOLOGY (INFANCY)**—Freshman, four hours, required in Kindergarten Course.

**PHYSIOLOGICAL PSYCHOLOGY**—Sophomore, four hours, required in the courses leading to the degree of B. Ped.

**PAIDOLOGY (BOYGIRLHOOD)**—Sophomore, four hours, required in the Courses in Elementary Education.

**EXPERIMENTAL PSYCHOLOGY**—Junior, four hours, required in the courses leading to the degrees of A. B., B. S., and B. Ph.

**PAIDOLOGY (HISTORICAL CHILD)**—Junior, three hours, required in the courses leading to the degree of B. Ped.

**ADVANCED PSYCHOLOGY**—Senior, three hours, elective.

**Spring Term**

**GENETIC PSYCHOLOGY**—Sophomore, three hours, required in the courses in Elementary Education and in the courses leading to the degree of B. Ped.

**PAIDOLOGY (ABNORMAL CHILD)**—Junior, three hours, required in the courses leading to the degree of B. Ped.

**EXPERIMENTAL PSYCHOLOGY**—Junior, three hours, elective.

**PAIDOMETRY**—Senior, three hours, required in the courses leading to the degree of B. Ped.

**ABNORMAL PSYCHOLOGY**—Senior, four hours, elective.

**ADVANCED PSYCHOLOGY**—Senior, three hours, elective.

**COURSES**

1. **INTRODUCTORY PSYCHOLOGY**—Freshman required, Fall term, five hours. The aim of this course is to give an outline of the subject in order to acquaint the student with phenomena and laws of mental life and to train him in simple experimentation. The text-books used will be Titchener's *Primer of Psychology* and Calkins's *Introduction to Psychology*, with references to other texts.

2. **PAIDOLOGY**—Freshman required, Winter term, Four hours. In this course will be taken up Infancy, the first period of life after birth, a knowledge of which is so important as a foundation for the better understanding of the periods following. There will be studied both the physiological and the psychological life of the being at this time, including the diseases of infancy, the beginnings of language, volition, and motor ability, the rise and development of the senses, etc., and also the care and attention needed by the infant as a basis for future growth. The references will be works on the diseases of infancy together with such studies on growth and development as those of Preyer, Shinn, Moore, Major, and Oppenheim.

3. **GENETIC PSYCHOLOGY**—Sophomore required, Spring term, three hours. Under this course will be studied and compared the psychological development as shown by the child, the race, and the animal. Works on anthropology,

animal psychology, and child psychology, such as Tylor, Spencer, Wundt, Baldwin, Chamberlain, Morgan, Preyer, Tracy, and King, will furnish the material for this course.

4. PAIDOLOGY — Sophomore required, Fall and Winter terms, four hours. During the Fall term the period of childhood is taken up. The general characteristics of this period, growth, disease, the senses, mental and physical development, etc., are studied. In the Winter term this work is continued in a study of boygirlhood, in which attention is directed to the remarkable growth and the changes that take place and to the conditions, characteristics, etc., of this period of life. During these two terms observations and studies of children are carried on in the field and in the laboratory. Among the magazines referred to in this course are the *Pedagogical Seminary*, *Studies in Education*, and the *Paidologist*; among the books are Oppenheim's *Development of the Child*, Thorndike's *Notes on Child Study*, Chamberlain's *The Child*, Kirkpatrick's *Fundamentals of Child Study*, and Warner's *Study of Children*.

5. PHYSIOLOGICAL PSYCHOLOGY — Sophomore required, Winter term, four hours. In this course will be considered the problem and survey of Physiological psychology, the nervous mechanism underlying mental processes, the relation of the nervous system to the mental life, and the nature of mind as shown from these studies. The works specially consulted in this course will be Wundt's *Principles of Physiological Psychology*, Ladd's *Elements of Physiological Psychology*, and McDougal's *Physiological Psychology*.

6. PAIDOLOGY — Junior required, Fall term three hours. This term's work covers the period of Adolescence. It is intended to give a knowledge of this so important time in the life of the young, taking up the characteristics of this period, the growth and changes coming now, with the mental and moral conditions that occur. Among the magazines used are the *Pedagogical Seminary* and the *Journal of Adolescence* and among the books are Hall's *Adolescence* and Ellis's *Man and Woman*.

7. EXPERIMENTAL PSYCHOLOGY — Junior, throughout the year, four hours, Fall and Winter terms required, Spring term elective. A study will be made of the subject-matter of

experimental psychology, together with demonstration of apparatus and methods of investigation, so as to familiarize students with this work; also the students will perform a series of experiments selected to furnish them practice in the use of apparatus, to acquaint them with the methods of experimental psychology, and to give them power to formulate results of experimentation. The texts used will be Angell's *Psychology*, Titchener's *Experimental Psychology*, and Sanford's *Experimental Psychology*, with references to other works on psychology.

8. PAIDOLOGY—Junior required, Winter and Spring terms, three hours. These terms are given over to the consideration of different types of child life. Alternating courses are offered for the Winter term—in one year will come work upon the Uncivilized Child, the child as found among uncivilized and semi-civilized peoples, and in another year will be studied the Historical Child, the child as found among the nations of ancient times, in medieval Europe, and earlier United States. In the Spring term the work will be upon the Abnormal Child, embracing defective children, delinquent children, dependent children, wildlings, and exceptional children. Some of the works used will be Wade's *Deaf-Blind*, Folks's *Cure of Destitute, Neglected, and Delinquent Children*, Morrison's *Juvenile Offenders*, Riis's *Children of the Poor*, Ireland's *Mental Affections of Children*, The Smithsonian Reports, Bancroft's *Native Races of the Pacific States*, Guhl and Koner's *Life of the Greeks and Romans*, Gray's *Children's Crusades*, Earle's *Child Life in Colonial Days*, and Kidd's *Savage Childhood*.

9. ABNORMAL PSYCHOLOGY—Senior, elective, Spring term, four hours. A study of mental disorders, as insanity and degeneracy, and of abnormal mental phenomena, as hallucinations, hypnoses, and speech defects. Books referred to are Defendorf's *Psychiatry*, Mercier's *Insanity*, Maudsley's *Pathology of Mind*, and Bramwell's *Hypnotism*.

10. PAIDOLOGY—Senior elective, Fall term, three hours. This study is that of Prenatality, which includes the time of the child before birth. This period will be studied to ascertain what are the conditions of life at this time, what effects are produced here, the necessary care to be given, the prob-

lems of heredity and environment, and other matters connected with this period of life, which are of such vital importance to the whole future life of the child. The works consulted are such as Hertwig, Minot, and Schafer on embryology and writings on the different phases of this period.

11. ADVANCED PSYCHOLOGY — Senior elective, throughout the year, three hours. This is essentially a laboratory course and it is a continuation of the studies of the other courses in experimental work. The problems will be of a more intensive nature than in the other courses, and where desired and where ready for such, work will be arranged for the student to do some original investigation, the results of which may be summed up in papers prepared through discussions, readings, and experiments, such investigation to go on for a term or throughout the year as the line of work may require.

12. PAIDOMETRY — Senior required, Spring term, three hours. In this course it is purposed to study the growth and physical development of children, supplementing this study by laboratory work based on Hasting's *Manual for Physical Measurements of Boys and Girls*.

## DEPARTMENT OF MATHEMATICS

PROFESSOR MILLS.

### Arithmetic

The course in Arithmetic comprises two terms' work. Accuracy and rapidity in performing the operations in the solution of problems is the first aim in the study of this subject. These accomplishments are brought about through the use of carefully prepared exercises and drills in the four fundamentals and in fractions. The text-book used in the first term's work is Milne's "*Practical Arithmetic*," and the work in this book is completed to the subject of Partial payments. Ray's "*Higher Arithmetic*" is the text-book for the second term's work. The subjects especially emphasized in this term's work are the following applications of Percentage: Profit and Loss, Interest, True and Bank Discount,

Stocks and Bonds, Commission, Exchange, and Equation of Payments. Other subjects which receive special attention are Arithmetical Analysis, Involution and Evolution, and the very important subject of Mensuration. The one important result, a proper understanding of the reason for every step necessary to the solution of a problem, is kept constantly in mind throughout all the work in Arithmetic. Forms of solution and methods of teaching receive special attention.

### **Algebra**

FIRST TERM'S WORK—Well's *Secondary Algebra*.

SECOND TERM'S WORK—Well's *Secondary Algebra*. The one part of this term's work especially emphasized is the chapter on Factoring and its applications.

THIRD TERM'S WORK—Fisher and Schwatt's *Higher Algebra* is completed to Harmonical Progression. As in Arithmetic, forms of solution and methods of teaching are prominent features of the work.

### **Plane Geometry**

This subject is regular in the Spring term. Wentworth's *Plane Geometry* is the text-book used. In this work students are encouraged to form the habit of original investigation. Terseness and technical accuracy of statement are constant requirements, and much emphasis is given to the application of the principles of Geometry to Arithmetic.

### **Descriptive Astronomy**

One term's work is devoted to this subject. A text-book is used, but the topical method of recitation is followed and students are encouraged to seek information from the standard works of Astronomy in the library. Students are made familiar with the Zodiacal and Circum-polar Constellations, the principal stars and planets. The University is supplied with a good telescope and all the apparatus necessary to efficient work in this study.

**Note**

For the courses in Solid Geometry, Advanced Algebra, Trigonometry and Surveying, and electives in Mathematics, see description of courses in the College of Liberal Arts. The courses in Arithmetic and Beginning Algebra are offered each term.

**PUBLIC-SCHOOL DRAWING**

MISS BRISON.

Drawing and handwork have obtained their present place in public-school courses because our most noted educators believe in their educational value. This work is taught primarily not to make artists and artisans but as a means of improving the public taste and the general culture. Learning the appreciation of the good things in nature and art from an aesthetic point of view is a pleasure to the student and often results in practical value. Training along these lines helps the individual to choose and create for himself, and thus greatly helps to bring about individuality of thought and expression. Drawing and handwork should be taught for the sake of the individual student; and his needs should form the basis of the course of study. Therefore these subjects should train the powers of observation, bring one into closer touch with nature and various products of human activity, and help one to think and express himself clearly. Hence they serve to help to adapt one to his environment.

In the following courses, the work and exercises will be given with this in view; that the student may not only learn how to do the work himself but how it should be taught to children.

In drawing, pencil, charcoal, and colored crayons are used. It is thought best to have the student familiarize himself with all of these mediums, as their use varies in the different public schools.

**Required Work in School Drawing**

FIRST TERM — Elementary Composition and Designing. Object drawing is given with particular attention to placing

on the paper and general composition. Also some elementary designing is taught.

**SECOND TERM** — Mechanical Drawing and Theory of Color. This course aims to include the mechanical drawing necessary for teaching in the grammar grades, and deals to a certain extent with the subjects of projections and developments taught in high schools. Color scales will be made and color schemes copied from Japanese prints.

**THIRD TERM** — Theory of School Drawing. Type problems for public school grades will be worked out and provision made for observation in some of the grades in the Training School.

**HAND WORK** — A course in cardboard construction, knife work, clay modeling, Venetian iron, and raphia and reed work, planned for primary and intermediate grades but suggestive for a course for higher grades, is given in the winter term.

#### **Drawing Teachers' Course**

Courses leading to a Certificate in School Drawing are offered for those who wish to teach that subject. These students will be expected to take one year each in free-hand and mechanical drawing in the departments of art and civil engineering respectively, besides the courses in drawing and hand-work in the Normal College. In most cases the drawing teacher arranges his courses in correlation with the work of the different schools in which he is teaching. Therefore he has to be an originator of courses as well as a teacher. Hence it has been found necessary to require the student to take the two-year Normal Course or have a somewhat liberal education in addition to his work in drawing. Unusual advantages are offered to the students in that they are enabled to study with the different university instructors, giving a standing to their work not possible in a Normal School not connected with a university.

**DESIGN** — This course includes three terms of work. It deals with applied design and aims at underlying principles. Designs for wood-work, book covers, stencils, metal work, etc., are made.

**COMPOSITION AND METHODS** — One Term.

**COMPOSITION AND SKETCHING**—Two Terms. High-school, elementary, and grammar-grade problems will be discussed. Stories and poems will be illustrated. Landscape, figure and flower compositions will be attempted. There will also be sketching from the model and black-board work.

**FREE-HAND DRAWING**—See courses in Drawing and Painting in the College of Liberal Arts.

**MECHANICAL DRAWING**—See courses in Civil Engineering in the College of Liberal Arts.

Students taking the Normal College Courses leading to a degree may take the drawing course as electives, obtaining a certificate in school drawing as well as a degree at the end of the four-year course.

**COURSE LEADING TO A DIPLOMA IN ELEMENTARY EDUCATION AND A CERTIFICATE FOR TEACHING SCHOOL DRAWING**

**First Year**

The work of this year will be the same as designated under the course for Elementary Education as found in this catalogue.

**Second Year**

**FALL TERM**—Ethics, 3; Paidology, 4; Free-Hand Drawing, 4; Grammar Grades Methods, 4.

**WINTER TERM**—Paidology, 4; Hand-work, 4; Free-hand Drawing, 4; Grammar Methods, 4; Teaching.

**SPRING TERM**—Psychology, 3; History of Elementary Education, 4. Free-hand Drawing, 4; Hand-work, 2; Teaching.

**Third Year**

**FALL TERM**—Elementary Course of Study, 3; Designing, 2; Mechanical Drawing, 2; Composition and Methods, 5; Teaching.

**WINTER TERM**—Sociology, 3; Zoology, 2; Composition and Sketching, 5; Designing, 2; Mechanical Drawing, 2; Teaching.

SPRING TERM — Zoology, 4; School Management and School Law, 3; Designing, 2; Mechanical Drawing, 2; Composition and Sketching, 5; Teaching.

## COURSE LEADING TO A CERTIFICATE IN SCHOOL DRAWING

### First Year

The work of this year is the same as the courses for the freshman year in the College of Liberal Arts or the Normal College, except that the school drawing given in the first year Normal work should come into either course.

### Second Year

FALL TERM — Ethics, 3; or College Rhetoric, 3; Free-hand Drawing, 4; Designing, 2; remaining hours, elective, making not less than 17 hours each term.

WINTER TERM — Psychology, 4; Free-hand Drawing, 4; Designing, 2; hand-work, 4; remaining hours elective.

SPRING TERM — Psychology, 3; Free-hand Drawing, 4; Designing, 2; Hand-work, 2; remaining hours elective.

### Third Year

FALL TERM — Principles of Education, 3; Composition and Methods, 5; Mechanical Drawing, 2; Teaching; remaining hours elective.

WINTER TERM — Principles of Education, 3; Composition and Sketching, 5; Mechanical Drawing, 2; Teaching; remaining hours elective.

SPRING TERM — Composition and Sketching, 5; Mechanical Drawing, 2; Teaching; remaining hours elective.

## PUBLIC-SCHOOL MUSIC

MISS SWEET.

The study of music in the public schools is no longer an experiment in the most progressive parts of our country. Its

value as a mental discipline is thoroughly realized by all the leading educators. It not only furnishes material for mental culture, but it is a source of inspiration in the performance of all other school duties. It is a great cultivator of gentleness among pupils, and no school where music study is well directed will be disorderly, for music is order itself. One great need of our schools is thoroughly qualified teachers to direct the work in a manner that will make music a helpful force in the school room. Many schools in Ohio are without instruction in music because there are few teachers who are prepared for this work. It is hoped that many who are musically inclined and are otherwise fitted for teaching the subject, will become interested in this worthy branch of instruction.

A SPECIAL MUSIC-TEACHERS' COURSE has been added to the Normal College for the training of students to become teachers and Supervisors of Public-School Music. Classes will be formed as follows: A Beginners' Class in Theory and Sight-Reading; an Advanced Class in Theory and Sight-Reading; and a Teachers' Method Class.

Voice Culture, Harmony and Piano are included in this course.

For those without any knowledge of music two years will be necessary to complete the course, but those who have some knowledge of piano and voice may be able to complete the course in one year. As soon as students are prepared they may begin teaching in the Model School, and as they acquire experience in teaching music in all the grades under supervision, they become experienced teachers of public-school music upon finishing the course.

For students taking any of the courses in the Normal College, two terms of Public School Music will be required. The first term will consist of Theory and Sight-Reading. During the second term the class will devote much time to the study of the different music systems, and how to maintain interest along this line throughout the grades and the high school.

**SIGHT SINGING**—As sight singing is one of the ends to be attained in the study of music in our schools, and since no teacher can easily teach singing without a fair degree of

efficiency therein, due attention must be given to this part of the work.

**VOICE CULTURE AND PRIVATE INSTRUCTION** — One who has received careful instruction can the better teach others. Successfully to teach children the proper use of the voice, which should be done by imitation in the primary grades, a teacher should know first how to use his own voice. Students in the Summer School can secure private instruction in Voice Culture at reasonable rates.

## **ENGLISH**

PROFESSOR WILSON.

This Department aims to familiarize the students with representative masterpieces of English Literature and with its history, and to discuss the methods of teaching the subject. Written and oral expression on the part of the student is emphasized in all the work. The student is required to use the Library in the preparation of no small part of his work, that he may come in touch with books and develop the reading spirit.

The courses in Grammar take up the art and science phases of the subject, treat of the technical difficulties of construction, and emphasize the all-important question of methods of teaching Grammar.

The following courses are given in the Normal College:

### **Course in Elementary Education for Graduates of Common Schools**

#### **FIRST YEAR.**

Fall term, Grammar, 5; Winter term, American Literature, 5; Spring term, American literature, 5.

#### **SECOND YEAR.**

Fall term, Rhetoric and Composition, 5; Winter term, Orthography and Phonics, 5.

**THIRD YEAR.**

Fall term, British Literature, 5; Winter term, British Literature, 5; Spring term, Advanced Grammar, 3; Advanced Rhetoric, 5.

**- FOURTH YEAR.**

The same course as required for high-school graduates; see the course below.

**Course in Elementary Education for Graduates of High Schools****FIRST YEAR.**

Fall term, English Poetry, 3; Winter term, American Poetry, 3; Spring term, Literature for the Grades, 3; Advanced Grammar, 3.

**Course in Secondary Education for Graduates of High Schools****FRESHMAN YEAR.**

Fall term, English Poetry, 3.

**SOPHOMORE YEAR.**

Winter term, American Poetry, 3.

**SENIOR YEAR.**

Fall term, Literary Criticism, 2.

**Course in Supervision for Principals and Superintendents**

In this Course, the requirements in this Department are the same as those given in the Course of Secondary Education for Graduates of High Schools.

**ELEMENTARY SCIENCE**

PROFESSOR W. F. COPELAND.

For the present year the work in this department embraces three courses: Botany, Nature Study, and Dynamic

Biology. These studies are to be considered from the stand-point of the teacher.

The aim of the work in Elementary Science is well expressed by the quotation: "Learning those things in Nature best worth knowing to the end of doing those things that make life most worth living."

In all the courses special emphasis is given to planning apparatus for particular demonstrations. As far as possible, these are to be simple devices which can be made and used in any ordinary schoolroom. In all grades of school work there are many fundamental and far-reaching scientific principles in Natural Science which can be demonstrated with simple apparatus. Such apparatus can frequently be made with the ordinary tools found in every home. It is to be hoped that students and teachers can in such work gain some knowledge and confidence along this line.

## BOTANY

On account of the nature of the work offered in Botany, it is necessary to begin in the winter term and finish in the fall term. The winter and spring terms are preparatory and required in all the courses. The text used is Principles of Botany by Bergen and Davis. The laboratory guide is by the same authors. The fall term's work is college elective. The books used are Plant Structure by Coulter and Laboratory Guide by Mercer.

**WINTER TERM** — This course is largely laboratory work preparatory to systematic work the following term. A study is made of seeds and seed germination; plants in their winter condition, followed by vernation; exercises in plant anatomy; plant histology; and plant physiology. Each student is expected to prepare some exercises for demonstration before the class. Only the difficult pieces of apparatus will be furnished the student, the others he is required to plan for himself. Credit for this course, 55 preparatory hours.

**SPRING TERM** — This course will be a study of plants in the field and the means of applying simple experiments made in the laboratory during the spring term. Some attention

will be given to plant ecology and plant distribution. The student will be required to make an herbarium of at least fifty specimens, to name them at sight, and to know something of their habits at this season of the year. Credit, 60 preparatory hours.

FALL TERM — The preceding courses had to do mostly with the flowering plants. This work will be a course in comparatively morphology and limited largely to the lower forms of plants. Beginning with the lowest type forms a study will be made both in the laboratory and the field to show the gradual evolution and increase in the complexity of plants. This course requires constant use of the microscope. Special emphasis will be given to methods of preparation for study of low and difficult forms. For this reason it is desirable that the students who undertake it, have already had experience in laboratory work requiring the use of a microscope. Credit, 60 collegiate hours.

### NATURE STUDY

The work in Nature Study until recently was confined to the spring and summer terms. At present work is offered during the entire year. "Nature Study and Life" by Dr. C. F. Hodge forms the basis for most of the work. The forms studied are selected, as far as possible, from those which have some bearing on human interests, as well as being representative plants and animals. Except during inclement weather, this year's work will be an out-of-door study of living forms. Each student will be required to plan methods of in-door study of several plant and animal types. Material will be selected suitable for the season. For this reason the fall insects and plants can be studied in their fall condition and habits and those of the spring in their season. In the winter term some lessons in photography will be given and some attention to hibernation of insects and plants, also a study of the winter birds. Spring and fall migration will be taken up in their respective terms. Considerable attention will be given throughout to ways and means of making demonstrations in school work. This is a four-hour collegiate study and is required in the Normal College.

**DYNAMIC BIOLOGY**

This is a three-hour course and continues throughout the year. Certain types are selected because of their known interest and relation to man. This course presupposes some knowledge of the more common insects and plants, and for that reason fewer types, but more in detail, will be considered. The student will be required to plan better methods of study and demonstration of types selected. Some time will be given to a consideration and discussion of books and magazines and to such biological problems as elementary agriculture and school gardens.

During the Winter term, "bacteria, yeast, and mold" will be studied and in the Spring term a study of ways and means of applying Elementary Science to the rural schools.

The first term's work in Dynamic Biology is required in the Fall term of the second year of the course for Superintendents and Principals, and the second and third terms are offered as electives in the same course. All students pursuing the course in Supervision are urged to take the three courses in Dynamic Biology. This subject is elective in all other courses.

**THE KINDERGARTEN SCHOOL OF THE STATE NORMAL COLLEGE OF OHIO UNIVERSITY**

MISS MCLEOD.

This school offers a training to young women who desire to prepare themselves for professional work as kindergartners.

It gives opportunities also for those who do not intend to become teachers but desire this course as a means of general culture or as an aid in following other lines of work.

The Kindergarten is recognized now as a part of the educational system of Ohio. Every year new kindergartens are opened, which creates a corresponding demand for thoroughly trained kindergartners. The Kindergarten training is

also an avenue to other lines of work. There is a demand for trained kindergartners as settlement workers, probation officers of juvenile courts, matrons of children's institutions, and librarians in children's departments of libraries.

THE KINDERGARTEN SCHOOL of the State Normal College of Ohio University offers exceptional advantages to students because of its being an integral part of the University, so that in addition to the training in Kindergarten education, students receive instruction in other departments of the institution. As a part of the regular work in the Kindergarten School, a kindergarten is conducted where students may observe and obtain practical experience in all branches connected with such work.

The course offered is two years in length and leads to the diploma in Kindergarten Education.

### **First Year**

FALL TERM — Kindergarten Theory and Activities, 3; Nature Study, 4; Psychology, 5; English Poetry, 3; Physical Culture, 1; Observation or Practice, 3.

WINTER TERM — Kindergarten Theory and Activities, 3; Nature Study, 4; Paidology, 4; American Poetry, 3; Introduction to Principles of Education, 3; Physical Culture, 1; Observation or Practice, 2.

SPRING TERM — Kindergarten Theory and Activities, 3; Nature Study, 4; Advanced Rhetoric, 5; Introduction to Principles of Education, 3; Physical Culture, 1; Observation and Practice, 3.

### **Second Year**

FALL TERM — Kindergarten Theory and Activities, 3; School Music, 2; Paidology, 4; School Drawing, 1; Ethics, 3; Physical Culture, 1; Practice 5.

WINTER TERM — Kindergarten Theory and Activities, 5; School Music, 2; School Drawing, 1; Sociology, 3; Hand-work, 4; Physical Culture, 1; Practice, 3.

SPRING TERM — Kindergarten Theory and Activities, 3; School Management and School Law, 3; School Drawing, 1; History of Education, 4; Physical Culture, 1; Practice.

KINDERGARTEN THEORY AND ACTIVITIES — Under the head of Kindergarten Theory and Activities are included all those courses which pertain especially to Kindergarten education, such as the following:

FROEBEL'S "MOTHER PLAY" — A study of this work with reference to other writings of Froebel. Educational laws and life-truths are presented and insight gained into child life.

PROGRAM CONSTRUCTION — A study and discussion of the different divisions of Kindergarten work with the planning of programs for definite periods.

STORIES — A study of typical stories and of the principles governing their selection with practice in story telling.

GIFTS AND OCCUPATIONS — Theory and practice in the use of the Kindergarten play material, known as the gifts, and the Kindergarten occupations, or handwork.

RHYTHM, SONGS AND GAMES — A study of these with the principles underlying them.

OBSERVATION AND PRACTICE TEACHING — In the Kindergarten and also observation in the Primary School, both under supervision.



## Summer School of Ohio University Athens, Ohio

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June 22, 1908—July 31, 1908

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### GENERAL INFORMATION

ATTENDANCE STATISTICS—The attendance of students at the Summer School of Ohio University for the last eight years is herewith shown:

Year.	Men.	Women.	Total.
1900.....	36.....	29.....	65
1901.....	45.....	57.....	102
1902.....	110.....	128.....	238
1903.....	159.....	264.....	423
1904.....	194.....	363.....	557
1905.....	220.....	430.....	650
1906.....	207.....	449.....	656
1907.....	236.....	442.....	678

The figures given above do not include the number of pupils enrolled in the Training School, or the number of School Examiners, Principals, and Superintendents who attended the "Conferences in School Administration" held the next to the last week of the term.

In 1907, the students came from all sections of Ohio and represented seventy-four counties of the State. Kentucky, Indiana, West Virginia, Pennsylvania, New York, Connecticut, Illinois, Montana, Colorado, Oregon, and Old Mexico were represented in the 678 names enrolled in the summer of 1907.

NEEDS CONSIDERED AND COURSES OFFERED—In arranging the courses of study for the Summer School of 1908, the

various needs of *all classes of teachers* and those preparing to teach have been carefully considered and fully provided for. About one hundred and thirty courses are offered, and that number of classes will recite daily. Teachers and others seeking review or advanced work should plan early to attend the session of 1908, which will begin June 22nd and continue six weeks.

**FACULTY**—A Faculty of thirty-eight members will have charge of the instruction. Please to note that all the instructors, with three exceptions, are regularly engaged in teaching in Ohio University. Those who enroll in the Summer term are thus assured of the very best instruction the University has to offer.

**SELECTED WORK**—Why not examine the catalogue and determine now the course you wish to pursue, and then begin at once to work out *systematically* the studies of that course? If you are a teacher of experience, or if you have had previous collegiate or high-school training, you will doubtless be able to do at home, under our direction, some systematic reading and study.

**COURSES OF STUDY**—Summer-School students should decide upon a regular course of study to be pursued systematically. Credits and grades from other schools should be filed with the President of the University, thus enabling the student to secure an *advanced standing*. Work begun during the Summer term may be continued from year to year, and much work may be done at home, by advanced students, under the direction of the various heads of University departments. *College credit will not be given for home work. A diploma from the State Normal College should be the goal of every ambitious teacher.*

**REVIEWS**—Ample provision has been made for the needs of young teachers, and those preparing for examinations, by means of *thorough reviews* in all the studies required in city, county, and state examinations. Students preparing to teach, or preparing for any advanced examination, will find excellent opportunities at Athens.

**SPRING-TERM REVIEWS**—The Spring term of Ohio University will open Monday, March 30, 1908, and close Thurs-

day, June 18, 1908. On Monday, May 4, 1908, *new review classes* will be formed as follows: Arithmetic, Grammar, Geography, United States History, English Literature, General History, Physiology, and Theory and Practice of Teaching. Instruction in these subjects will be necessarily general, but as thorough as time will permit. These classes are formed for teachers and prospective teachers who are preparing for the *inevitable examination*. Scholarship is not acquired by such work; it is recognized as a kind of *necessary evil*. A clear knowledge of the nature of the *uniform examination questions* used in Ohio will guide those giving instruction. Until Ohio adopts a more sane and consistent system of examining and certificating teachers, those teaching or expecting to teach will appreciate the value of such favorable opportunity for review work. These classes can be entered to advantage any time prior to June 1, 1908. Only a *just portion* of the usual term fee of \$5 will be charged students who enter at the time of the forming of these special classes or later. If demand is sufficiently strong, review classes *may* be formed in Plane Geometry, Elementary Algebra, Elementary Physics, Latin, and some other subjects. However, *none of this work is promised*.

**PRIMARY TEACHERS**—Special attention is called to the fact that the Training School, or Model School, will be in session during the Summer term. In this school emphasis is placed upon the training of primary teachers. Almost every teacher in the rural schools has primary classes to instruct. City teachers will also find this course *especially* valuable. *Every teacher* of the rural schools, will have an opportunity to receive instructions in the best methods of teaching as applied to primary schools.

**EXPENSES**—No tuition will be charged. The registration fee of \$3.00 will entitle students to all the privileges of the University, save special instruction in private classes. Boarding in clubs, per week, costs from \$2.25 to \$2.50, and at Women's Hall, \$2.75. A student may attend the Summer School of six weeks and pay all expenses, except the railroad fare, on from \$25.00 to \$30.00. By observing the strictest economy less than this would be required.

**AMPLE ACCOMMODATIONS**—No school town can offer better accommodations at more reasonable prices than Athens. Nicely furnished rooms, in private houses, *convenient to the University*, may be rented for \$1.00 a week, including light, bedding, fuel, towels, and everything needed by the roomer. This rate is given where two students occupy the same room. If occupied by one student, such rooms usually rent for \$1.25 a week. It is safe to say that four-fifths of the rooms rented to students are rented for \$1.00 each per week.

**WOMEN'S HALL AND BOYD HALL**—These two buildings will accommodate about 125 women students. They are owned by the University and the rooms are of good size and well furnished. No student securing quarters here will pay more than \$3.50 per week for board and lodging. Students wishing rooms in these buildings should engage them in advance. Such rooms will be in demand. Students who do not wish to engage rooms in advance will experience no trouble in getting *promptly located*. Eight hundred students can find desirable accommodations in Athens.

**WHAT ATHENS CAN DO**--Athens can easily accommodate a large number of students. At the close of the first day of the Summer term of 1907, every student had been eligibly located. Accommodations for at least 250 additional students were available.

**FREE LECTURES**—Arrangements have been made for a series of nine, day and evening, free lectures to be delivered in the Auditorium of the University within the period required by the Summer term.

**TEACHERS' CONFERENCES**—At least six conferences—two hours each—will be held the fifth week. These will be led by members of the Faculty and others familiar with the working of the public schools and experienced in school methods and management.

**OHIO SCHOOL LAWS**—Particular attention will be given to the provisions of Ohio's *new school code*. A series of informal "talks" on some of the most interesting features of the present Ohio School Law will be given. Classes in School Administration will consider the provisions of the entire school code.

LABORATORIES, ETC.—The laboratories, museums, art studios, library, and gymnasium of the University will be accessible to students *free of charge*.

TEXT-BOOKS—All text-books will be supplied at the *lowest prices* possible. Students should bring with them as many supplementary texts as convenient.

RANGE OF STUDIES—The following subjects will be taught during the Summer term. Prospective students may see that *almost every subject* in the various University and Normal-College courses will be presented during the Summer term. Students who do not find in the following list of subjects the studies they wish to pursue will be accommodated if a sufficient number of requests for other work are made. The classes regularly scheduled are as follows: Arithmetic (three classes), Grammar (three classes), U. S. History (three classes), Ohio History, Algebra (four classes), Public-School Drawing (three classes), Free-Hand Drawing (three classes), Book-keeping (two classes), General History (three classes), Physiology (two classes), Psychology (two classes), Zoology, Political Economy, Beginning Latin, Cæsar, Vergil, Cicero, Advanced Latin, Physics (three classes), Electrical Engineering (two classes), History of Education (two classes), Principles of Education (two classes), School Management, School Administration and School Law, the Elementary Course of Study, Primary Methods (two classes), Special Methods in School Studies, Pedagogical Conferences, Geography (three classes), American Literature (two classes), English Literature (two classes), Word Study, Literature in the Grades, Preparatory Rhetoric (two classes), English Poetry, Byron, Keats, and Shelley, Tennyson, Paidiology, or the Science of the Child (two classes), Elementary Chemistry, Qualitative Analysis, Organic Chemistry, Stenography, Typewriting, Elementary Manual Training, Physical Laboratory, Chemical Laboratory, Biological Laboratory, Psychological Laboratory, Nature Study, Bird Study, Botany (two classes), Observation in training School, Teaching School, Civil Government, Plane Geometry, Solid Geometry, Trigonometry, Surveying, Field Practice, Mechanical Drawing, How to Teach Reading, Sight Reading (in music), How to Teach Public-School Music, Vocal Music, Chorus Work, Beginning

German, Advanced German, Beginning French, Advanced French, and other subjects if a sufficient demand is made at the opening of the term.

OTHER BRANCHES — Arrangements can be made by students attending the Summer term for *private lessons* in Greek, Latin, German, French, Spanish, Psychology, Pedagogy, Voice Culture, Piano, Organ, Violin, Higher Mathematics, Philosophy, Elocution, and other branches scheduled in any of the University courses. The cost of such instruction, in each branch, *will not exceed* \$5.00 for the full term of six weeks. Inasmuch as the work offered in the regular classes of the Summer School covers so wide a range of subjects, it will be, in most cases, a matter of election on the part of students if they take private instead of class instruction.

SUMMER-SCHOOL ADVANTAGES — Besides having an opportunity to pursue systematically *almost any study desired*, under the direction of those regularly employed in this work, the student of the Summer School enjoys the advantages of the acquaintance, friendship, and counsel of many prominent superintendents, examiners, principals, and others who are always on the lookout for progressive, well qualified teachers.

HOW TO REACH ATHENS — Athens is on the main line of the following railroads: Baltimore and Ohio Southwestern, Hocking Valley, and Ohio Central Lines. Close connections are made with these lines at the following-named places: Cincinnati, Loveland, Blanchester, Midland City, Greenfield, Chillicothe, Hamden Junction, Parkersburg, Marietta, Middleport, Gallipolis, Portsmouth, New Lexington, Lancaster, Logan, Columbus, Thurston, Zanesville, Palos, Delaware, Marion, and other points. Students on any railroad line may leave their homes in the most distant part of the State and reach Athens within a day.

REQUESTS FOR NAMES — Superintendents and teachers are requested to send to the President of the University the names and addresses of teachers and others who would likely be interested in some line of work presented at Ohio University. The Ohio University Bulletin is sent free and regu-

larly to all persons who desire to have their names enrolled on the mailing list.

A TEACHERS' BUREAU — Since the State Normal Schools of Ohio were established in 1902, and especially since superintendents were given, in 1904, the right to appoint teachers, the State Normal College of Ohio University has received many calls for teachers. Positions aggregating *many thousands of dollars* have been secured by us for our students. The Dean of the Normal College conducts, *free of charge*, a bureau for teachers, and is always glad to aid worthy teachers in this way.

CONCLUSION — The President of the University will cheerfully answer *any questions* teachers or others desire to ask. The many addresses made by members of the Faculty the past year, and the large quantity of printed matter sent out, have served to give prominent attention to the work of the University and the State Normal College. In this way *thousands of people* have learned to know something of the broad scope of work undertaken at Athens. The hundreds of students who have come to us the past year have helped very largely in imparting information to friends of education throughout the State concerning the extent and character of the work accomplished here. For the year ending March 22, 1907, the total enrollment was 1,319 different students. The total enrollment of different students for the college-year ending June, 1908, will not fall below 1,385. For latest catalogue, other printed matter, or special information, address

ALSTON ELLIS,  
*President Ohio University, Athens, Ohio.*

**THE STATE PREPARATORY SCHOOL**

FLETCHER S. COULTRAP, *Principal.*

This School is designed to prepare students for the regular courses of the University and the State Normal College. Students are also received who wish to pursue elementary studies, even though they may have no intention of entering one of the higher courses.

Candidates for admission to this department must furnish satisfactory evidence of good character, and must pass examination in Geography, Arithmetic, English Grammar, Elementary U. S. History, and all studies of the courses lower than those which they wish to pursue. Persons who have certificates from county examiners in Ohio will be admitted without examination in the subjects named above. Students who expect to graduate from the Normal College, must give evidence that they are thoroughly familiar with the common-school branches.

There are three preparatory courses, Classical, Philosophical, and Scientific, each requiring three years for completion, and each leading to a corresponding course in the collegiate department. For the benefit of those who wish a more thorough preparation for their work, classes in Arithmetic, Elementary Algebra, and English Grammar will be organized at the beginning of each term.

**COURSES OF STUDY IN DETAIL****Latin**

**FIRST TERM** — Collar and Daniell's *First Year Latin*.

**SECOND AND THIRD TERMS** — D'Ooge and Daniell's *Second Year Latin*. Especial stress is laid on inflections and composition.

**SECOND YEAR** — Cicero's Orations. The orations usually read are the four against Catiline, Pro Archia, Pro Marcello, and Pro Ligario. A careful study of forms and syntax is an important part of this year's work.

**THIRD YEAR** — Vergil's *Aeneid*, Books I-VI. Grammar

reviews, scansion, and mythology. Collar's *Latin Prose Composition*.

### Greek

FIRST AND SECOND TERMS — White's *Beginner's Greek Book* with particular reference to inflections and sentence writing.

THIRD TERM — Xenophon's *Anabasis*. Grammatical reviews and translation into Greek of easy prose.

### English

FIRST TERM — Lockwood and Emerson's *Composition and Rhetoric*.

SECOND TERM — American Literature — Selections from Irving, Bryant, Whittier, and Poe.

THIRD TERM — American Literature continued — Selections from Lowell, Longfellow, Emerson, Hawthorne, and Holmes.

FOURTH TERM — English Literature — Selections from Shakespeare, Milton, Burke, Addison, and Dryden.

FIFTH TERM — English Literature continued — Selections from Johnson, Wordsworth, Macaulay, George Eliot, and Coleridge.

SIXTH TERM — Hill's *Principles of Rhetoric* completed.

### German

FIRST TERM — German Grammar. Study of forms and composition. Conversation based on Newson's First German Book (the new edition of Alge's *Leitfaden*), in connection with Hoelzel's charts on the seasons.

SECOND TERM — Study of Syntax. Reader and Review of Grammar. Some short modern story, such as Storm's *Immensee* and composition based thereon. Conversation as in first term.

SPRING TERM — Composition based on story read. Schiller's *Wilhelm Tell*, and, if possible, some short story or comedy. Conversation continued.

**French**

Students taking the Scientific course may substitute a year of French for Vergil's *Aeneid* and Collar's *Latin Prose Composition*.

**Mathematics**

FIRST TERM—Well's *Algebra for Secondary Schools*.

SECOND AND THIRD TERMS—Fischer and Schwatt's *Higher Algebra*.

FOURTH TERM—Wentworth's *Plane Geometry*.

**Physics**

Two terms, five hours per week. Recitations three times a week. Laboratory work four to six hours per week, three hours in the laboratory being equivalent to one recitation.

Millikan & Gale's *First Course in Physics* will be used as a guide for the class work. Full notes are taken in the laboratory, which are criticized, corrected, and copied into a permanent book. The object is to teach laboratory methods of work and give opportunity to the student to acquire more or less skill in handling apparatus, while the recitation periods are devoted to the acquisition of the elementary principles of the subject.

**Physical Geography**

This subject is required in all courses. Tarr's *Physical Geography* is the book used.

**Physiology**

The text-book is Brinckley's *Physiology by the Laboratory Method*. The aim is to give a good general knowledge of Anatomy and Hygiene and of the functions of the different organs of the body. A large amount of laboratory work is done.

**Botany**

Two terms, five hours per week.

Field and laboratory work are a leading feature in this course. Each student will prepare a herbarium of not less

than forty plants. Bergen's *Foundations of Botany* is the text-book.

### **U. S. History**

Two terms, the first of three hours per week, and the second of five hours per week. Text-book, McLaughlin's *History of the American Nation*.

### **Civics**

The fundamental principles of the subject are carefully explained, while at the same time the practical operation of the different local and state systems are compared. Especial attention is given to the government of Ohio. The growth of our national system is thoroughly investigated.

### **General History**

This subject is pursued three terms in the Second Preparatory Year.

FIRST TERM — Ancient History.

SECOND TERM — Medieval History.

THIRD TERM — Modern History.

The aim is to give the student a general acquaintance with the leading persons, and the institutions, political and religious, with the literary and artistic movement; in general, with the progress of civilization in its broader aspects. The method employed will be the text-book, references to more comprehensive works, essay writing, map-drawing, and lectures by the teacher.

### **Drawing**

Required in all three courses. Two hours in the studio are considered equivalent to one recitation.

**CONSPECTUS OF PREPARATORY COURSES**

FIRST YEAR—First Term.

<i>Classical.</i>		<i>Philosophical.</i>		<i>Scientific.</i>	
Beginning Latin .....	5	Beginning Latin .....	5	Beginning Latin .....	5
Rhetoric .....					
Physical Geography .....	5	Rhetoric .....	5	Rhetoric .....	5
Drawing .....	1	Physical Geography .....	5	Physical Geography .....	5
U. S. History .....	3	Drawing .....	1	Drawing .....	1
U. S. History .....					
Second Term.					
Latin—D'Ooge and Daniell.....	5	Latin—D'Ooge and Daniell.....	5	Latin—D'Ooge and Daniell.....	5
American Literature .....	5	American Literature .....	5	American Literature .....	5
Drawing .....	2	Drawing .....	2	Drawing .....	2
Elocution .....	3	Elocution .....	3	Elocution .....	3
U. S. History .....	6	U. S. History .....	6	U. S. History .....	6
Third Term.					
Latin—D'Ooge and Daniell.....	5	Latin—D'Ooge and Daniell.....	5	Latin—D'Ooge and Daniell.....	5
American Literature .....	5	American Literature .....	5	American Literature .....	5
Elocution .....	3	Elocution .....	3	Elocution .....	3
Drawing .....	2	Drawing .....	2	Drawing .....	2
Civil Government .....	5	Civil Government .....	5	Civil Government .....	5

**Conspectus of Preparatory Studies — Continued****SECOND YEAR—First Term.**

<i>Classical.</i>	<i>Philosophical.</i>	<i>Scientific.</i>	
Cicero's Orations ..... Physiology ..... Ancient History ..... Algebra .....	5 5 5 5	Cicero's Orations ..... Physiology ..... Ancient History ..... Algebra .....	5 5 5 5
<b>Second Term.</b>			
Cicero's Orations ..... Botany ..... Medieval History ..... Algebra .....	5 5 5 5	Cicero's Orations ..... Botany ..... Medieval History ..... Algebra .....	5 5 5 5
<b>Third Term.</b>			
Cicero's Orations ..... Botany ..... Modern History ..... Algebra .....	5 5 5 5	Cicero's Orations ..... Modern History ..... Botany ..... Algebra .....	5 5 5 5

## Conspicuous of Preparatory Studies — Continued

OHIO UNIVERSITY

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### THIRD YEAR—First Term.

<i>Classical.</i>	<i>Philosophical.</i>	<i>Scientific.</i>
Vergil ..... 5 Latin Prose Composition..... 5 Beginning Greek ..... 5 Elementary Physics ..... 5 British Literature ..... 5	Vergil ..... 5 Latin Prose Composition..... 5 German ..... 6 Elementary Physics ..... 6 British Literature ..... 6	Vergil ..... 5 Latin Prose Composition..... 5 German ..... 6 Elementary Physics ..... 6 British Literature ..... 6
Second Term.		
Vergil ..... 5 Latin Prose Composition..... 5 Greek—Second Term ..... 5 Elementary Physics ..... 5 British Literature ..... 5	Vergil ..... 5 Latin Prose Composition..... 5 German ..... 6 Elementary Physics ..... 6 British Literature ..... 6	Vergil ..... 5 Latin Prose Composition..... 5 German ..... 6 Elementary Physics ..... 6 British Literature ..... 6
Third Term.		
Vergil ..... 5 Latin Prose Composition..... 5 Anabasis ..... 5 Advanced Rhetoric ..... 5 Plane Geometry ..... 5	Vergil ..... 5 Latin Prose Composition..... 5 German ..... 5 Advanced Rhetoric ..... 5 Plane Geometry ..... 5	Vergil ..... 5 Latin Prose Composition..... 5 German ..... 5 Advanced Rhetoric ..... 5 Plane Geometry ..... 5

The figure after the name of study indicates the number of recitations per week in that subject.

# COURSES OF STUDY

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## COLLEGIATE DEPARTMENT

In the following scheme, the figures indicate the number of exercises per week. It is believed that the four courses given below are equal in educational value, and all require 2,500 hours of class-room work for their completion. The required work in each of the first three courses is about 1,500 hours. Each student is expected to select the remaining 1,000 from the electives offered in the various departments of the University. The courses in Electrical and Civil Engineering offer no elective work.

## REQUIRED SUBJECTS FOR THE DEGREE OF BACHELOR OF ARTS

### Freshman Year

FALL TERM — Greek, 4; Latin, 4; Solid Geometry, 4; Political Economy, 2; Tennyson, 3.

WINTER TERM — Greek, 4; Latin, 4; Algebra, 4; Political Economy, 2; Invertebrate Zoology, 2.

SPRING TERM — Greek, 4; Latin, 4; Plane Trigonometry, 4; Invertebrate Zoology, 4.

### Sophomore Year

FALL TERM — Greek, 4; Chemistry, 4; European History, 3; College Rhetoric, 3.

WINTER TERM — Greek, 4; Physiology, 4; Chemistry, 4.

SPRING TERM — Greek, 4; Physiology, 4; European History, 3.

**Junior Year**

FALL TERM — History of English Literature, 4; Psychology, 4.

WINTER TERM — Psychology, 4.

SPRING TERM — Nineteenth Century Prose, 4.

**Senior Year**

FALL TERM — Geology, 4; Logic, 4.

WINTER TERM — Astronomy, 4; Thesis, 5.

Three terms of Sophomore Latin, 4 hours per week, or three terms of Junior Greek, 3 hours per week are required of all candidates for the degree of A. B.

**REQUIRED SUBJECTS FOR THE DEGREE OF  
BACHELOR OF PHILOSOPHY****Freshman Year**

FALL TERM — Latin, 4; German, 4; Solid Geometry, 4; Political Economy, 2; Tennyson, 3.

WINTER TERM — Latin, 4; German, 4; Algebra, 4; Political Economy, 2; Invertebrate Zoology, 2.

SPRING TERM — Latin, 4; German, 4; Plane Trigonometry, 4; Invertebrate Zoology, 4.

**Sophomore Year**

FALL TERM — French, 4; Chemistry, 4; European History, 3; College Rhetoric, 3.

WINTER TERM — French, 4; Chemistry, 4; Physiology, 4.

SPRING TERM — French, 4; Physiology, 4; European History, 3.

**Junior Year**

FALL TERM — History of English Literature, 4; Psychology, 4; Ethics, 3.

WINTER TERM — Psychology, 4; Sociology, 3.

SPRING TERM — Nineteenth Century Prose, 4.

**Senior Year**

FALL TERM — Logic, 4; Geology, 4; Introduction to Philosophy, 3.

WINTER TERM — Astronomy, 4; Philosophy, 3; Thesis, 5.

SPRING TERM — Philosophy, 3.

**REQUIRED SUBJECTS FOR THE DEGREE OF  
BACHELOR OF SCIENCE****Freshman Year**

FALL TERM — Chemistry, 4; German, 4; Solid Geometry, 4; Political Economy, 2; Tennyson, 3.

WINTER TERM — German, 4; Algebra, 4; Political Economy, 2; Chemistry, 4; Invertebrate Zoology, 2.

SPRING TERM — German, 4; Plane Trigonometry, 4; Invertebrate Zoology, 4.

**Sophomore Year**

FALL TERM — French, 4; Trigonometry, 4; European History, 3; College Rhetoric, 3.

WINTER TERM — French, 4; Analytical Geometry, 4; Physiology, 4.

SPRING TERM — French, 4; Physiology, 4; European History, 3.

**Junior Year**

FALL TERM — Physics or Mechanics, 4; History of English Literature, 4; Psychology, 4.

WINTER TERM — Physics, 4; Psychology, 4.

SPRING TERM — Physics, 4.

**Senior Year**

FALL TERM — Geology, 4; Logic, 4.

WINTER TERM — Astronomy, 4; Thesis, 5.

COURSES OF STUDY  
OF THE  
STATE NORMAL COLLEGE  
OF  
OHIO UNIVERSITY

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COURSES LEADING TO A DIPLOMA

The "Course in Elementary Education" for graduates of common schools is designed to meet the needs of the following classes: (1) Those who have passed the Patterson Examination and are graduates of the Common Schools; (2) those who can satisfy the Faculty of qualifications equivalent to Patterson graduation, although they do not hold a diploma from the County Examiners; (3) teachers and prospective teachers who hold county or city certificates, such students being excused from all the work of the first year of the course except American Literature, Rhetoric, School Drawing, School Music, and Physical Geography, these subjects to be taken during the second and third years in addition to the studies scheduled unless the student presents evidence to warrant his being excused by the Faculty; (4) graduates of high schools of Second and Third Grades, who would be excused from such studies as they have satisfactorily completed, and who in most instances would be able to begin the course in the third and second years respectively.

Students wishing to take a foreign language will be permitted to substitute such for studies in this course under the regulations governing substitutions.

In this connection, it should be stated that courses in the Common Branches, Beginning Latin, Algebra, Rhetoric, and

a few other preparatory studies are given *each term*, although such a schedule is not shown by the tabulated courses below. This is done to accommodate students who do not enter at the beginning of the year. The Common Branches are presented from the pedagogical point of view, and constitute an important part of the professional training of those preparing to teach, as the work is directly associated with the Department of Methods and the practice work in the Model School.

Graduates of high schools of the First Grade, from a Classical, Scientific, or English course, will be admitted with first-year rank to the two-year course for high-school graduates, or to the Freshman class of either of the four-year courses.

Grades and certificates from reputable institutions will be accepted and placed to the credit of the candidate for admission to the State Normal College.

A total minimum of 115 hours of teaching in the Training School of the State Normal College is required, but teachers of much experience and marked ability may not be held to the full time.

Those who complete the course in "Elementary Education" will be granted a Diploma. Those who complete Normal Preparatory Course will be given a Normal School Certificate. All the hours of college work completed in these courses will be credited on the course in "Secondary Education" or course in "Supervision" which courses lead to the degree of Bachelor of Pedagogy.

The plain figures denote the number of hours of work and credit to be given to the subject.

#### NORMAL PREPARATORY COURSE

##### First Year

FALL TERM — Grammar, 5; Physical Geography, 5; U. S. History, 3; Arithmetic, 5; School Drawing, 2.

WINTER TERM — American Literature, 5; Political and Commercial Geography, 4; U. S. History, 5; Reading, 3; School Drawing, 2.

**SPRING TERM** — American Literature, 5; Civics, 5; Penmanship, 5; Reading, 3; School Drawing, 2.

### **Second Year**

**FALL TERM** — Ancient History, 5; Algebra, 5; Physiology, 5; Rhetoric and Composition, 5; Public School Music, 2.

**WINTER TERM** — Mediæval History, 5; Algebra, 5; Botany, 5; Orthography and Phonics, 3; Public School Music, 2.

**SPRING TERM** — Modern History, 5; Algebra, 5; Botany, 5; Elementary Pedagogy, 5.

### **Third Year**

**FALL TERM** — British Literature, 5; Advanced Arithmetic, 5; Physics, 5; Psychology, 5.

**WINTER TERM** — British Literature, 5; Physics, 5; Nature Study, 4; Advanced Geography, 4.

**SPRING TERM** — Advanced Grammar, 3; Plane Geometry, 5; Advanced Rhetoric, 5; Nature Study, 4; School Management and School Law, 3.

**NOTE** — Those who complete the above course and desire to enter the following two-year course for high-school graduates, will be excused from taking Advanced Arithmetic, Advanced Geography, Advanced Grammar, two terms of Nature Study, and Freshman Psychology, but will be required to take instead Solid Geometry, Chemistry two terms, Political Economy two terms, and 100 hours of other collegiate work assigned by the Dean of the Normal College.

## **COURSE IN ELEMENTARY EDUCATION**

(For Graduates of High Schools)

### **First Year**

**FALL TERM** — English Poetry, 3; U. S. History, 4; Physiology, 5; Psychology, 5; School Music, 2; School Drawing, 1.

**WINTER TERM** — American Poetry, 3; U. S. History, 4; Advanced Geography, 4; Advanced Arithmetic, 5; Introduction to Principles of Education, 3; School Music, 2.

SPRING TERM — Literature for the Grades, 3; Advanced Grammar, 3; Introduction to Principles of Education, 3; Primary Methods, 5; School Management and School Law, 3; School Drawing, 1.

### Second Year

FALL TERM — Ethics, 3; Paidology, 4; Elementary Course of Study, 3; Grammar Grade or Primary Methods, 4; Nature Study, 4; Teaching.

WINTER TERM — Sociology, 3; Zoology, 2; Paidology, 4; Grammar Grade Methods, 4; Handwork, 4; Teaching or Nature Study, 4.

SPRING TERM — Zoology, 4; Psychology, 3; History of Elementary Education, 4; Nature Study, 4; Teaching.

### COURSE LEADING TO THE DEGREE OF BACHELOR OF PEDAGOGY

The courses in "Secondary Education" and in "Supervision" require 2,500 hours of class-room work for their completion. The required work is designated below and the student is expected to select the remaining hours from the electives offered in the various departments of the University. Students, by making judicious choice of electives — preferably after consultation with the college instructors most concerned — can easily emphasize scholarship in certain departments of study. For instance, the courses leading to a degree require two years of study given to a foreign language. The study of such language for an additional year, or for an additional two years, may be elected by students in other terms of the course pursued. In this manner, for further example, students may complete a required course and receive therein much more than the required amount of either Latin, Greek, German, French, or Spanish and thus graduate with such proficiency in the language studied as to be well prepared to fill the position of special teacher of that particular language. The same course can be pursued with reference to other subjects of study scheduled in any department or college of the University.

The fulfillment of regular college requirements for entrance to a course leading to a bachelor's degree will admit to the "Course in Secondary Education," but entrance to the "Course in Supervision" requires in addition at least two years of experience in teaching. Those who complete either of these courses will be granted a diploma with the degree of Bachelor of Pedagogy.

A total minimum of 115 hours of teaching is required, but principals and superintendents of experience who in less time are able to demonstrate their ability to teach in accordance with scientific principles will not be held to the full time.

Credit will be given on these Courses of Study for equivalent work completed in other reputable institutions.

## **COURSE IN SECONDARY EDUCATION\***

(For Graduates of High Schools)

### **REQUIRED SUBJECTS**

#### **Freshman Year**

**FALL TERM**—A Foreign Language, 4; Solid Geometry, 4; English Poetry, 3; U. S. History, 4; School Drawing, 1.

**WINTER TERM**—A Foreign Language, 4; Algebra, 4; Invertebrate Zoology, 2; U. S. History, 4; School Drawing, 1.

**SPRING TERM**—A Foreign Language, 4; Plane Trigonometry, 4; Invertebrate Zoology, 4; School Drawing, 1.

#### **Sophomore Year**

**FALL TERM**—Ethics, 3.

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\* At the beginning of the Sophomore year each student in the course in Secondary Education must elect to take a special line of work — a Foreign Language, English, Mathematics, History or Science — and before graduating from the course he shall have completed not less than 342 hours' credit in the special line elected, including any number of hours that may have been given to the subject in the Freshman Year. The student shall report such election for the special study to the Dean of the Normal College for his approval.

WINTER TERM — Psychology, 4; Sociology, 3; American Poetry, 3.

SPRING TERM — Psychology, 3.

### **Junior Year**

FALL TERM — Philosophy, 3; Paidology, 3; Principles of Education, 3.

WINTER TERM — Paidology, 3; Principles of Education, 3.

SPRING TERM — Paidology, 3; Comparative Study and Theory of Secondary Education, 3; Methods, 3.

### **Senior Year**

FALL TERM — School Administration and School Law, 3; Methods, 3; Teaching; Literary Criticism, 2.

WINTER TERM — Secondary Course of Study, 3; History, of Secondary Education, 4; Thesis, 5; Teaching.

SPRING TERM — Paidometry, 3; History of Secondary Education, 4; Teaching.

## **COURSE IN SUPERVISION**

(For Principals and Superintendents)

### **REQUIRED SUBJECTS**

#### **Freshman Year**

FALL TERM — A Foreign Language, 4; Solid Geometry, 4; English Poetry, 3; Political Economy, 2; School Drawing, 1.

WINTER TERM — A Foreign Language, 4; Algebra, 4; Political Economy, 2; Invertebrate Zoology, 2; School Drawing, 1.

SPRING TERM — A Foreign Language, 4; Plane Trigonometry, 4; Invertebrate Zoology, 4; Nature Study, 4; School Drawing, 1.

#### **Sophomore Year**

FALL TERM — A Foreign Language, 4; Ethics, 3; Dynamic Biology, 3.

WINTER TERM — A Foreign Language, 4; Psychology, 4; Sociology, 3; American Poetry, 3.

SPRING TERM — A Foreign Language, 4; Psychology, 3.

### Junior Year

FALL TERM — Philosophy, 3; Paidology, 3; Principles of Education, 3; School Administration and School Law, 3.

WINTER TERM — Paidology, 3; Principles of Education, 3; Methods, 3.

SPRING TERM — Paidology, 3; Methods, 3.

### Senior Year

FALL TERM — Elementary Course of Study, 3; Foreign and Domestic School Systems, 4; History of Education, 4; Literary Criticism, 2; Teaching.

WINTER TERM — Secondary Course of Study, 3; History of Education, 4; Thesis, 5; Teaching.

SPRING TERM — Supervision and Criticism, 3; Paidometry, 3; History of Education, 4; Teaching.

### ONE YEAR COURSE

(For College Graduates)

Those who complete this Course of Study will be granted a diploma with the degree of Bachelor of Pedagogy.

Students shall elect the grade of practice teaching desired, under the direction of the Dean of the Normal College. One hundred and fifteen hours of teaching are required, but those who are able to demonstrate their ability to teach in accordance with scientific principles will not be held to the full time, but such of this time as is not devoted to teaching must be filled with some of the other work given below.

Residence work will be required.

Students will select not less than 17 hours a week from the following:

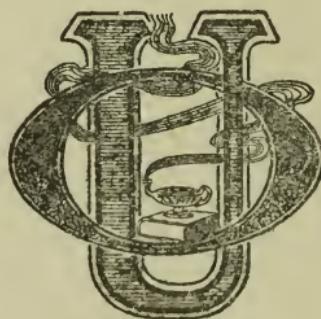
FALL TERM — School Administration and School Law, 3; Elementary Course of Study, 3; History of Ancient and Mediæval Education, 4; Paidology, 3; Principles of Educa-

tion, 3; Methods, 3; Problems in the Principles of Education, 3; Foreign and Domestic School Systems, 4; Paidological Laboratory, 1; Thesis, 1; Teaching.

WINTER TERM — Secondary Course of Study, 3; History of Modern Education, 4; Paidology, 3; Principles of Education, 3; Methods, 3; Sources in the History of Education, 3; Paidological Laboratory, 1; Thesis, 1; Teaching.

SPRING TERM — Supervision and Criticism, 3; History of Education in the United States, 3; Paidology, 3; Methods, 3; Paidometry, 3; Comparative Study and Theory of Secondary Education, 3; Paidological Laboratory, 1; Thesis, 1; Teaching.

GENERAL NOTE:— Persons who do not desire to pursue any of the regular courses above outlined, may select such studies as they deem best suited to their needs, provided they are qualified by reason of previous preparation to pursue them. Those who have but one year to give to preparation for teaching are urged to take the studies scheduled in the first year of the "Two-Year Course."



**ALUMNI ASSOCIATION****Officers**

*President*, E. D. SAYRE, '88.

*Vice-President*, S. L. McCUNE, '96.

*Secretary*, C. M. COPELAND, '96.

*Treasurer*, W. B. LAWRENCE, '92.

**Executive Committee**

L. G. WORSTELL, '88.

H. R. WILSON, '96.

W. B. LAWRENCE, '92.

I. M. FOSTER, '95.

**Constitution**

ARTICLE I. This Association shall be called the "Alumni Association of the Ohio University."

ART. II. The officers of the Association shall be a President, Vice-President, Secretary, Treasurer, and an Executive Committee, consisting of four members, to be chosen annually.

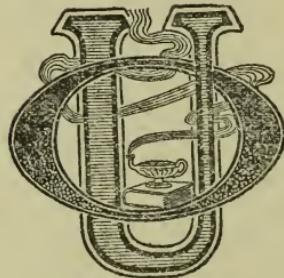
ART. III. The annual meetings of this Association shall be held in connection with the Commencement exercises of the University.

ART. IV. The object of this Association shall be to cultivate fraternal relations among the Alumni of the University and to promote the interests of our Alma Mater by the holding of social reunions, by literary exercises, or by such other means as the Association may, from time to time, deem best.

ART. V. Any member of the Faculty, and graduate of the University, also any one who has spent three years in the college classes of the University, and has been honorably dismissed, may, by the payment of one dollar and the signing of the Constitution, become a member of this Association.

ART. VI. This Constitution may be altered or amended at any annual meeting, by a vote of two-thirds of those present at such meeting.

ART. VII. *Amendment.* The members of this Association shall each pay into its treasury an annual fee of one dollar, and the sum so paid shall be expended in defraying the expenses of the annual reunion.



**OHIO UNIVERSITY**

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**DEGREES CONFERRED AND DIPLOMAS PRESENTED  
JUNE 20, 1907**

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**A. B.**

Agler, Charles Marshall..... Eldorado, Ohio.

**Ph. B.**

Christman, George Washington..... Murray, Ohio.

Higgins, Winifred Belle..... Athens, Ohio.

McVey, John Tipton..... Eastbank, W. Va.

Mohler, Nellie Blanche..... Athens, Ohio.

**B. S.**

Beckett, John Scouller..... Hamilton, Ohio.

Gullum, Frank Barnhart..... Hamden Junction, O.

Hawk, James Finly..... Petrolia, Pa.

**B. S. in Electrical Engineering**

Blackstone, Wilbert Stanley..... Cumberland, Ohio.

Heyman, Roscoe Winfield..... Bellevue, Ohio.

Porter, Francis Marion..... Circleville, Ohio.

**B. Ped.**

Martzolff, Clement Luther..... New Lexington, Ohio.

**A. M.**

Cookson, Charles W..... Troy, Ohio.

**Diploma, Four-Year Commercial Course**

Bingham, George Alvin..... Athens, Ohio.

**Diploma, Pianoforte and Harmony**

Brown, Olive .....	Revere, Mo.
Deweese, Eliza .....	Washington, Ohio.
Mason, Ina Beulah.....	Sugar Grove, Ohio.
Stoneburner, Sara Wilson.....	Nelsonville, Ohio.

**Diploma, Voice and Harmony**

Meyers, Effie Pearl.....	Amanda, Ohio.
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**Diploma, Public-School Music**

Brown, Olive .....	Revere, Mo.
Hunter, Marie Douglas.....	Athens, Ohio.
McVey, John Tipton.....	Eastbank, W. Va.
Meyers, Effie Pearl.....	Amanda, Ohio.

**Diploma, Course in Elementary Education**

Duga, Nettie Sara.....	Bellaire, Ohio.
Glaser, Mary Katherine.....	Warren, Ohio.
Halstead, Ruby Clara.....	Warren, Ohio.
Harmon, Elizabeth Adella.....	Aurora, Ohio.
Harter, Elizabeth .....	Marietta, Ohio.
Hudson, Myrtle .....	Ashville, Ohio.
McGee, Allie Fidelia .....	Middletown, Ohio.
Pelton, Gladys M.....	Chagrin Falls, Ohio.
Richmond, Winifred Vanderbilt.....	Marshfield, Ohio.
Teaters, Elizabeth Mayes.....	Columbus, Ohio.

**Diploma, Course in Electrical Engineering**

Alspach, James Harvey.....	Blacklick, Ohio.
Britch, Kirby Ellsworth.....	Lancaster, Ohio.
Fryburger, Frank C.....	Cozadale, Ohio.
Johnston, William Cloyd.....	Bremen, Ohio.
Watanabe, Noble .....	Kobe, Japan.

**Certificate of Proficiency in Accounting and Stenography**

Bartels, Ernest August.....	Syracuse, Ohio.
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**Certificate of Proficiency in Stenography**

Allard, Laura Eliza.....	Jackson, Ohio.
Haffey, William Hunter.....	Canal Winchester, O.
Kincade, Myrta Pearl.....	Athens, Ohio.
McDaniel, Etta .....	New Plymouth, Ohio.
Mills, Elizabeth Frances.....	Athens, Ohio.
Murphy, Clayton Earl.....	Nelsonville, Ohio.
Rowles, Grace .....	Bremen, Ohio.
Sanzenbacher, Elizabeth .....	Piqua, Ohio.
Speck, Frank Richards.....	Uhrichsville, Ohio.
Starr, Beulah .....	Austin, Ohio.
White, Mary Adda.....	Athens, Ohio.

**Certificate of Proficiency in Accounting**

Bennett, Clarence Edward.....	Nelsonville, Ohio.
Blackstone, Wilbert Stanley.....	Cumberland, Ohio.
Britch, Kirby Ellsworth.....	Lancaster, Ohio.
Campbell, Edna V.....	Athens, Ohio.
Connett, Mary .....	Athens, Ohio.
Conrad, Albert Allen.....	Amanda, Ohio.
Cranmer, Harvey Edward.....	Athens, Ohio.
Hamilton, Frank H.....	Monongahela, Pa.
Hickle, Clyde Monroe.....	Lithopolis, Ohio.
Hilliard, Atwell Franklin.....	Lithopolis, Ohio.
Hooper, Emett Lorenzo.....	Athens, Ohio.
Johnston, William Cloyd.....	Bremen, Ohio.
Junod, Grace Marie.....	Athens, Ohio.
Kenney, Ralph Clinton.....	Athens, Ohio.
Lorbach, Leo William.....	Waverly, Ohio.
McKeever, Daniel Alvin.....	McArthur, Ohio.
Porter, Francis Marion.....	Circleville, Ohio.
Walsh, Ethel Xavier.....	Athens, Ohio.
Warren, Samuel Cyrus.....	Athens, Ohio.

# LIST OF STUDENTS

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## COLLEGIATE DEPARTMENT

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### POST-GRADUATE STUDENTS STUDYING FOR A DEGREE

Beard, Solomon Frederick, A. B.....	Paulding.
Bryson, Lucy Weethee, B. S.....	Athens.
Christman, George Washington, Ph. B., B. Ped.	Murray.
Hedrick, Eli Christian, B. Ped.....	Clarksburg.
Matheny, Charles Morris, B. Ped.....	Circleville.
Moore, Mary Ellen, A. B.....	Athens.

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### CLASS OF 1907

Agler, Charles Marshall.....	Eldorado.
Beckett, John Scouller.....	Hamilton.
Blackstone, Wilbert Stanley.....	Cumberland.
Christman, George Washington.....	Murray.
Gullum, Frank Barnhart.....	Hamden Junction.
Hawk, James Finly.....	Petrolia, Pa.
Heyman, Roscoe Winfield.....	Bellevue.
Higgins, Winifred Belle.....	Athens.
McVey, John Tipton.....	Eastbank, W. Va.
Martzolff, Clement Luther.....	New Lexington.
Mohler, Nellie Blanche.....	Athens.
Porter, Francis Marion.....	Circleville.

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### SENIORS

Adams, John William.....	Athens.
Bailey, Elizabeth .....	New Straitsville.
Coultrap, Bernice Hughes.....	McArthur.
Coultrap, Don C.....	Athens.
Foster, Harry Zadoc.....	Athens.
Harter, Elizabeth.....	Marietta.
Hawk, Helen Marie.....	Athens.
Henke, Heber Hunt.....	Athens.
Humphrey, Sara Clare.....	Ironton.

Johnson, Aldis Adelbert.....	Farmdale.
Johnson, Frank Leander.....	Cortland.
Lever, Henry Work.....	Loveland.
Matheny, William Alderman.....	Athens.
Mayes, Harry Welday.....	Stenbenville.
Nice, Leonard Blaine.....	Athens.
Parks, George Crawford.....	Hopedale.
Rowles, Ethel Ellen.....	Bremen.
Simon, Mary Anna.....	Piqua.
Stine, Oscar Clemen.....	Gloster.

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## JUNIORS

Adams, Evelyn Lyon.....	Cincinnati.
Adams, Karl Langdon.....	Cincinnati.
Alderman, William Elijah.....	Athens.
Alexander, Jesse .....	New Philadelphia.
Andrew, Lou Edna.....	Cincinnati.
Badertscher, Jacob A.....	Beaver Dam.
Bailey, Cora Ethlyn.....	Lilly Chapel.
Bean, Cecil Calvert.....	Athens.
Byder, Charles Oliver.....	Carrollton.
Chappelear, Mary Laurette Burdsall.....	Athens.
Conner, Grace Bradford.....	Garrettsville.
Connell, William Wyatt.....	Athens.
Cooley, Calla Ernestine.....	Athens.
Coulter, Lewis Eldon.....	Malta.
Cromer, Horace Emerson.....	Springfield.
Crout, Boyd Merrill.....	Dresden.
Curran, Oscar Waldo.....	Corning.
Douglas, Malcolm .....	Waverly.
Dye, Sidney Ogier.....	Hamden Junction.
Eaton, Edith Mildred.....	Huntington, W. Va.
Evans, Rhys David.....	Athens.
Hildebrand, Frederick Byron.....	Cutler.
Huhn, William .....	McArthur.
McCorkle, Charles Edward.....	Dawson.
Mayes, James Ray.....	Steubenville.
Melick, Clark Owen.....	Axline.
Merritt, Lillabridge Cynthian.....	Columbus.
Moody, Vittoria .....	Bartlett.
Morris, Leota Blanche.....	Harrisville.
Palmer, Edith .....	Athens.
Patterson, Lena Estelle.....	Athens.
Porter, Frank .....	New Straitsville.
Roush, Helen Elizabeth.....	Athens.
Schaeffler, Charles Harry.....	Athens.
Thomas, George Grindley.....	Jackson.
Watkins, Mary Carson.....	Athens.

White, Clyde ..... New Concord.  
 Wisia, James William..... Ney

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### SOPHOMORES

Allard, Laura Eliza.....	Jackson.
Allen, Walter Osman.....	New Plymouth.
Andrews, Adda May.....	Gloster.
Bechtol, Harvey Winfield.....	Baltic.
Beckler, Charles Rudolph.....	Athens.
Beckler, Fred Hoadley.....	Athens.
Bemis, Arthur Sheldon.....	Aurora.
Bingham, Garnet Gertrude.....	Athens.
Bingham, George Alvin.....	Athens.
Bishop, Mary Virginia .....	Athens.
Blower, George Cromwell.....	Gloster.
Bolton, Rudolph Ray.....	Mendon.
Boyd, John Stanley.....	Canal Winchester.
Brickles, Lulu Harper.....	Athens.
Cable, William Ransom.....	Athens.
Cherrington, Harold Edgar.....	Alice.
Coleman, Harry Baxter.....	Carrollton.
Connett, Loring George.....	Athens.
Connett, Mary.....	Athens.
Cooper, David Miller.....	Athens.
Coultrap, Harry Mansfield.....	McArthur.
Cranmer, Harvey Edward.....	Athens.
Crow, Herman G. ....	Madison Mills.
Cunningham, Fred Nixon.....	Steubenville.
Dickason, Clara Elizabeth.....	Columbus.
Duga, Nettie Sara.....	Bellaire.
Dunkle, Herbert Bothwell.....	Athens.
Edwards, Bernice C.....	Garrettsville.
Elliott, Edward Byron.....	Hillsboro.
Fiedler, Charles Kern.....	New Philadelphia.
Fredenbur, Bertha Louise.....	Uhrichsville.
Gahm, Haldor Louis.....	Jackson.
Geeting, Charles Franklin.....	Eaton.
Glaser, Mary Katherine.....	Warren.
Guy, Willard Arthur.....	Athens.
Halstead, Ruby Clara.....	Warren.
Hankison, Lewie Ellsworth.....	Lancaster.
Harmon, Elizabeth Adella.....	Aurora.
Hayden, Charles Ernest.....	Nelsonville.
Heller, Vernon Otis.....	Lithopolis.
Hooper, Emmett Lorenzo.....	Athens.
Hough, Florance Harrison.....	Jamestown.
Johnson, Helen Almarine.....	Nelsonville.
Johnson, Howard Blane.....	Plants.
Jones, Evan Johnson.....	Athens.

Jones, Thomas Hoyt.....	Jackson.
Junod, Grace Marie.....	Athens.
Keck, Blanche Ione.....	McArthur.
Keck, Garnett Grace.....	McArthur.
Keller, Cecil Ward.....	Bremen.
Kent, Zeno Nichol .....	Chagrin Falls.
King, Elizabeth Eulalie.....	Gloster.
Kinsinger, Grace Eleanor.....	Bellefontaine.
Kurtz, Frank Bartlett.....	Athens.
Lindsay, Madge .....	Bridgeport.
Livingston, Alfred Erwin.....	Athens.
Lorbach, Leo William.....	Waverly.
McBride, Jessie Enile.....	Middletown.
McGee, Allie Fidelia .....	Middletown.
McLean, Nelle Charlotte.....	Athens.
Meyers, Effie Pearl.....	Amanda.
Morehart, Cleveland .....	Lancaster.
Morgan, Thomas Francis.....	Jackson.
Morgan, William Thomas.....	Bourneville.
Mullay, Maud .....	Portland, Ore.
Patterson, Jay Robert.....	Shiloh.
Pelton, Gladys M.....	Chagrin Falls.
Perkins, Ione Marie.....	McArthur.
Pollock, William Ralph.....	Coraopolis, Pa.
Raney, Estelle Coler.....	Crooksville.
Richmond, Winifred Vanderbilt.....	Marshfield.
Rowan, Marie Gertrude.....	Hattiesburg, Miss.
Scanlan, Marghretta .....	Lancaster.
Schaeffler, Madeline .....	Athens.
Secoy, Mary Elizabeth.....	Athens.
Shupe, Lloyd Merle.....	Amanda.
Speer, James Eberlein.....	Bloomingdale.
Spohn, Burrell Blakeney.....	New Lexington.
States, Dora Alice.....	Spencerville.
Teaters, Elizabeth Mayes.....	Columbus.
Templer, May .....	Belpre.
Tuttle, Harley Angelo.....	Diamond.
Ulлом, Charlotte Devol.....	Germantown.
Warren, James Pratt.....	Athens.
Warren, Samuel Cyrus.....	Athens.
Wetzel, Lewis Orvel.....	Carrollton.
Will, Anna Marie.....	McArthur.
Williamson, Charles Owen.....	Lancaster.
Williamson, Samuel Alpha.....	Amanda.
Wood, Robert Simpson.....	Athens.
Zellner, Louis De Grief.....	New Philadelphia.

## FRESHMEN

Ahern, William Joseph.....	Akron.
Alderman, Nellie Addine.....	Athens.
Alspach, James Harvey.....	Blacklick.
Ault, Alice Mabel.....	Portsmouth.
Baker, Helen Weber.....	Zanesville.
Baker, Mary Emaline.....	Athens.
Balis, Carl Randall.....	Athens.
Barnes, Bernice B.....	Bowerston.
Bartels, Ernest August.....	Syracuse.
Bates, Ethel .....	Shawnee.
Bean, Leo Chapman.....	Gallipolis.
Beebe, Thomas Walter.....	Bedford.
Bender, John Henry.....	West Lafayette.
Bibbee, Elijah Clinton.....	Letart Falls.
Bingman, Carl Wilson.....	Latrobe.
Bingman, Oscar Perry.....	Latrobe.
Bishop, Helen Maud.....	Athens.
Bishop, Homer Guy.....	Athens.
Blythe, Donald Rukenbrod.....	Carrollton.
Bobo, Bertha .....	Athens.
Boelzner, Wilhelmina Rose.....	Athens.
Bohrer, Jay Verne.....	Toledo.
Bolton, Edgar Walter.....	Mendon.
Britch, Kirby Ellsworth.....	Lancaster.
Brookins, Allena May.....	Jackson.
Brown, Floyd Lucian.....	Seaman.
Buchan, Mary Lloyd.....	Mingo Junction.
Calhoun, Cloyd Cleveland.....	Sidney.
Campbell, Edna V.....	Athens.
Campbell, Helen Martyn.....	Chagrin Falls.
Carpenter, Aileen Clare.....	Athens.
Carpenter, Belford Franklin.....	Nelsonville.
Carpenter, Edith Marie.....	Athens.
Clegg, Samuel Robert.....	Round Bottom.
Clemmer, John Hugh.....	Hicksville.
Collins, Frances Pauline.....	Medina.
Collins, Inez .....	McArthur.
Copeland, Edna Florence.....	Athens.
Corn, Bessie May.....	Wellston.
Coultap, Manley Lawrence.....	McArthur.
Cox, Clarence Clifford.....	Gillespieville.
Cox, Ellis Van Hise.....	Dayton.
Crisp, Raymond George.....	Akron.
Cromer, Paul Eli.....	Springfield.
Cronacher, Edith Lillian.....	Ironton.
Crusey, Carl Jacob.....	Sidney.
Dauber, Clara Mae.....	Jackson.

Davis, Franklin Armitage.....	Athens.
Davis, Madora .....	Marshfield.
Davis, Theora .....	Marshfield.
Dickerson, Harlan Jewett.....	South Zanesville.
Diggs, Charles Owen.....	Lyndon.
Earhart, Mazie Ada.....	Athens.
Eaton, Rena .....	New Vienna.
Evans, Chauncey Olds.....	Shaderville.
Eylar, Melville Fuller.....	Waverly.
Finney, Joseph Ray.....	Waverly.
Finnicum, John Lyle.....	Hopedale.
Finsterwald, Charles Frederick.....	Guysville.
Finsterwald, Fredia .....	Athens.
Flegal, Edna Elizabeth.....	Zanesville.
Fleming, Lucy E.....	Amesville.
Forsythe, Florence D.....	Monongahela, Pa.
Frantz, George W.....	Donora, Pa.
Fryburger, Frank C.....	Cozadale.
Gibson, Bessie Irene.....	Amesville.
Glenn, Hazel Mary.....	Gallipolis.
Goe, Frances Adelaide.....	Cortland.
Gordon, Chester Saylor.....	Mt. Victory.
Gorslene, Bessie Mabel.....	Nelsonville.
Gross, Haidee Coral.....	West Unity.
Groves, Nettie Arvilla.....	Lancaster.
Haffey, William Hunter.....	Canal Winchester.
Halbirt, Lucy Keturah.....	Canaanville.
Hambleton, Clarence Orlando.....	Marietta.
Hamilton, Frank Howard.....	Monongahela, Pa.
Hammond, Ernest .....	Milan.
Harper, Bessie .....	Wellston.
Hartford, Jefferson Saltsman.....	Toronto.
Helfrich, John Wert.....	Carrollton.
Henke, Cecile Anita.....	Athens.
Henry, Virgene Woodworth.....	Athens.
Hickle, Clyde Monroe.....	Lithopolis.
Hickman, Florence May.....	Nelsonville.
Hickox, Jay Gilmore.....	Novelty.
Hoopes, Laura May.....	Chagrin Falls.
Howell, Mabel Roxy.....	McArthur.
Jacobs, Arlington Brazil Cole.....	Lexington.
Jacobs, Gertrude Marian.....	Jackson.
Johnston, William Cloyd.....	Bremen.
Kahler, Margaret Katherine.....	Conneaut.
Kenney, Ralph Clinton.....	Athens.
Kerr, Paul Bentley.....	Hicksville.
Koons, Herbert Nelson.....	Athens.
Lapp, Paul George.....	Bucyrus.
Lax, Flo .....	Nelsonville.

Le Roy, Verne Emery.....	Chagrin Falls.
Lee, William Walter.....	Athens.
Lehman, Raymond Deford.....	Columbus.
Lewis, Charles Raymond.....	Rushville.
Lewis, Dorothy .....	Sandusky.
Lewis, Mary Adaline.....	Athens.
McCampbell, Flora .....	Plain City.
McClure, Oscar Earle.....	Seaman.
McKeever, Daniel Alvin.....	McArthur.
McLaughlin, Emma .....	Canal Fulton.
McVay, Frank Halbert.....	Marshfield.
MacWilliams, Edward Nevin.....	Cleveland.
Martin, Peter Leslie.....	Athens.
Mason, Ina Beulah.....	Sugar Grove.
Mason, Mabel Rose.....	Sugar Grove.
Mast, Earl Leroy.....	Zanesville.
Matheny, Clarence Albert.....	Athens.
Merritt, Gladys Alice.....	Columbus.
Michaels, Augustus Philip.....	Chillicothe.
Miller, Albert Earl.....	Nellie.
Miller, Arthur Stanley.....	Thurston.
Miller, Ernest Carl.....	Lorain.
Miller, Orla Glen.....	Athens.
Milroy, Louise Milroy.....	Youngstown.
Minesinger, Thomas William.....	New Cumberland, W. Va.
Miser, Georgia Grace.....	Conneaut.
Mitchell, Eva Louise.....	Pt. Pleasant, W. Va.
Moler, Arthur Lee.....	Athens.
Morgan, Oliver Mack.....	Lyndon.
Morton, Winifred Helen.....	Ironton.
Mullane, Gertrude Mary.....	Youngstown.
Mulligan, Mary Cecilia.....	Athens.
Musgrave, Mary.....	Athens.
Nessler, Sidney Louis.....	Sidney.
Nye, Robert Eugene.....	Chauncey.
Parks, Hugh Whiteford.....	Hopedale.
Pearce, Clarence Spence.....	New Pittsburg.
Perkins, Will M.....	McArthur.
Pickett, Florence Elizabeth.....	Athens.
Pidgeon, Howard A.....	Pennsville.
Pond, Walter Allen.....	Pennsville.
Portz, Edward.....	Newcomerstown.
Pownall, Horton Calahan.....	Pomeroy.
Putnam, Harriet Lamb.....	Athens.
Putnam, Virgene .....	Athens.
Raley, Helen Louise.....	Carrollton.
Reed, Atlee Delmer.....	Waterford.
Reeves, George Walter.....	Athens.
Roach, Louise .....	Athens.

Robinson, Anna Elizabeth.....	Newark.
Roderick, Owen M.....	Jackson.
Rogers, Cora May.....	Athens.
Rogers, Mary Geraldine.....	Shelby.
Rowles, Grace .....	Bremen.
Russell, John Edgar.....	South Burgettstown, Pa.
Ruston, James .....	Athens.
Ruston, William .....	Athens.
Sanzenbacher, Elizabeth .....	Piqua.
Sause, Ellen Mercedes.....	Youngstown.
Shields, Buren Riley.....	Crooksville.
Shilliday, Clarence Lee.....	New Milford.
Silvus, William Green.....	Athens.
Smith, Albert Truman.....	Big Plain.
Soule, Mary Minnie.....	Wilkesville.
Speck, Frank Richards.....	Uhrichsville.
Stevens, Hugh Albert.....	Orwell.
Stevenson, Arthur James.....	Kenton.
Stewart, Charles G.....	Hockingport.
Studer, Robert John.....	Athens.
Taylor, Barnett Winning.....	Hendrysburg.
Taylor, Esther Marcella.....	McArthur.
Tewksbury, Carl Logan.....	Blanchester.
Thompson, Catharine .....	Chauncey.
Vanderslice, Marie Llewellyn.....	South New Lyme.
Voegtly, Nelle Leona.....	Hannibal.
Vore, Lyle Dean.....	Athens.
Wark, Mary Platt.....	Warren.
Watson, Wade Trafton.....	Jelloway.
Weisenberger, Leo Lewis.....	McArthur.
Welch, Matthew Reed.....	Burgettstown, Pa.
Welch, Wilson Johnson.....	Charleston, W. Va.
Wheaton, Fred Shepper.....	Athens.
White, Clyde Lawrence.....	Coolville.
White, Robert Lee.....	Fairmount, Ill.
Wilkes, Ernest Constantine.....	Athens.
Will, Dorothy .....	McArthur.
Williams, Rees Edgar.....	Gloster.
Winzeler, Alta Evelyn.....	Maumee.
Witherspoon, Guy Holliday.....	McArthur.
Yaw, Otto Virgil.....	Gloster.
Yingst, Nora Urania.....	Toronto.

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## IRREGULAR AND SPECIAL STUDENTS

Adams, Julia Bishop.....	Athens.
Beckler, Jennie Tabitha.....	Athens.
Boden, William Herbert.....	Athens.
Bothwell, Julia Stanley.....	Cincinnati,

Brown, Olive .....	Revere, Mo.
Clayton, Mary Florence, Ph. B.....	Athens.
Coultrap, Manning Gebhardt, Ph. B.....	Athens.
Danford, Gladys .....	Glouster.
Deweese, Eliza .....	Washington.
Dixon, Asher Hooper.....	Beverly.
Guy, Elsie Lloyd.....	Athens.
Hauschmidt, Lillian Mabel.....	Piqua.
Howe, Mary Blanche, Ph. B.....	Athens.
Kaler, Mary Engle, Ph. B.....	Athens.
Krapps, Hazel L.....	Athens.
Langdon, Emma May.....	Washington C. H.
Leyda, Edgar James.....	Monongahela, Pa.
Lindley, David Howell.....	Hamilton.
Lively, Ora Clyde.....	Wellston.
McLean, Amelia Romaine.....	Athens.
Miller, Verna Marie.....	Athens.
Musgrave, Elizabeth .....	Athens.
Reynolds, Willia Frances.....	Bartlett.
Richeson, John Jacob.....	Lee's Creek.
Rowles, Theodocia Lucretia.....	Bremen.
St. Clair, Anna May, M. Ped.....	Akron.
Saunders, A. Letha.....	Guysville.
Smith, Murray Franklin, B. S.....	McArthur.
Switzer, Milton Voltaire.....	Kenton.
Thomas, Emaline .....	Athens.
Thompson, Bert McCune.....	Senecaville.
Uyeda, Akira Shinkichi.....	Momai, Japan.
Vorhees, Adaline .....	Nelsonville.
Wallace, William Ralph.....	Moorefield.
Walls, Callie King.....	Athens.
Walls, Louise King.....	Athens.
Whitcomb, Charles Thatcher.....	Uhrichsville.
Wiley, Nathanael.....	Kimball, W. Va.
Wolfe, Carrie E.....	Athens.
Wood, Samuel Leland.....	Louisville, Ky.

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### THIRD PREPARATORY

Alford, John Franklin.....	Bremen.
Andrews, Florence Eva.....	Glouster.
Armstrong, Lyman Walter.....	Bellville.
Ashbrook, Hiram Alva.....	Columbus.
Backus, Vera Mary.....	Holgate.
Barker, Rhoda Irene.....	Athens.
Batterson, Iva Pearl.....	Bryan.
Beery, Jean Z.....	Rushville.
Begland, Samuel .....	New Straitsville.
Benecke, Lydia Lillian.....	Ridgeville Corners.

Blackstone, Alva .....	Cumberland.
Blizzard, Alpheus W.....	Baltimore.
Boyd, Ernest Carl.....	Orangeville.
Boyles, Ethel Vida.....	North Lewisburg.
Brewer, Pearl Harvey.....	Upper Sandusky.
Brown, Florrie Marian.....	Chagrin Falls.
Brubaker, Henry Sampson.....	Monongahela, Pa.
Bruney, Harvey Alton.....	Brilliant.
Buchan, Olive Jean.....	Mingo Junction.
Buchanan, James William.....	Basil.
Burgoon, John Alden.....	Athens.
Cagg, Miles Herbert.....	Nelsonville.
Cain, Josephine .....	Caldwell.
Chrisman, Oscie Dru.....	Athens.
Clay, Tillie .....	Mendon.
Cline, Edna Blanche Clare.....	Albany.
Cline, Lizzie Faye.....	Albany.
Coe, Ernest William.....	Belpre.
Comstock, Joseph Hooker.....	Athens.
Coovert, Edward Alexander.....	Eldorado.
Cope, Alice Myrtle.....	Smithfield.
Dana, Louise Perkins.....	Athens.
Dauterman, Lester Paul.....	Thurston.
Davis, John Bruce.....	Georgetown.
Davis, William Newell.....	Jackson.
Druggan, Elizabeth .....	Athens.
Drury, Roy .....	Glouster.
Dunstan, Flavia Adelaide.....	Granville.
Edwards, Mary Ethel.....	Syracuse.
Ewing, George Playford.....	Ewington.
Flesher, Orion Herbert.....	Middleport.
Fletcher, George Everett.....	Wakeman.
Flood, John William.....	Rushville.
Fordyce, Josie Edna.....	Joseph's Mills, W. Va.
Fulwider, Albert Paul.....	Athens.
Fulwider, William Elbert.....	Athens.
Gage, Edith Olga.....	Bartlett.
Gallaher, Myrtle Ione.....	Clarington.
Gard, Frank Everett.....	Dayton.
Gates, Corinne Tambling.....	Chagrin Falls.
Goldsworth, John .....	Glouster.
Hagan, Robert Anderson.....	Adena.
Harris, Waldo Ellis.....	Centerburg.
Hayes, Clare Genevieve.....	Athens.
Henderson, Estella May.....	Savannah.
Henry, Anna Elizabeth.....	Kinsman.
Herrold, Grace May.....	Nelsonville.
Hixson, Ethel Sarah.....	Millfield.
Hull, Eleanor Lee.....	Greenfield.

Isenberg, George Carl.....	Johnstown, Pa.
Johnston, Edith May.....	Little, Ky.
Jones, Roger Johnson.....	Athens.
Kaler, George Rannells.....	Athens.
Kanable, Grover Guy.....	Osceola.
Knight, Charles Kelly.....	Athens.
Le Roy, Bernard Reamy.....	Chagrin Falls.
Leist, Turney Lee.....	Amanda.
Leyda, Mabel Irene.....	Cutler.
Long, Arthur James.....	Washington C. H.
Love, Cora Belle.....	Lockwood.
McCorkle, Walker Ellsworth.....	Dawson.
McKinniss, Clarence .....	Hamden Junction.
McKinniss, Karl .....	Hamden Junction.
McLaughlin, Henry Max.....	Wilkesville.
Martin, Penelope Helen.....	Lisbon.
Meikle, Elsie May.....	Kinsman.
Miller, Earle, Augustus.....	Athens.
Morgan, Wilbur Windom.....	Lyndon.
Nieding; Bertha Ellen.....	Vermilion.
Northup, Arnett Almon.....	Nauvoo, Ill.
Parry, Georgia .....	Woodsfield.
Parry, John Rogers.....	Woodsfield.
Pearson, Victor Schrock.....	Sidney.
Peugh, Bessie .....	Glouster.
Phillips, Lenna Blanche.....	Athens.
Pickering, Goldie Gay.....	Athens.
Pilcher, Marguerite .....	Sparta, Ill.
Powell, William Minnich.....	Hanover.
Pugh, Orren Lamar.....	Shreveport, La.
Rechsteiner, Bertha Augusta.....	Lowell.
Ridenour, Clarence Ray.....	New Lexington.
Ridenour, Harry Lee.....	New Lexington.
Rorabeck, Lura May.....	Bedford.
Rubrake, Frances Katheryn.....	Lowell.
Rutherford, Bessie .....	Carpenter.
Schilling, Joseph Edward.....	Collins.
Scott, Walter Jacob.....	Monongahela, Pa.
Shadduck, Leanna Edith.....	Vermilion.
Shaw, Robert Howard.....	Steubenville.
Sibley, Hiram Ellis.....	Gallipolis.
Smith, Belva L.....	Republic.
Starr, Dano Elmer.....	Athens.
Starr, Elma Vera.....	Athens.
Stout, Orin Clark.....	Stoutsville.
Straughter, Walter Lawrence.....	Glouster.
Tannehill, Sarah Edith.....	Scott.
Thomas, Emmett Lorin.....	Gallipolis.
Thompson, Edna Lucile.....	Solon.

Turner, John James.....	Mt. Carbon, W. Va.
Uhl, Jennie Irene.....	Millersburg.
Van Dyke, Ralph Arthur.....	Athens.
Webb, Earl Castor.....	Albany.
Webber, Robert Grover.....	Sistersville, W. Va.
Wheller, Celia Dorothy.....	Ridgeville Corners.
Wilcox, Julia Ida.....	Hudson.
Williams, James Stanley.....	Gallipolis.
Wilmot, Virgil Prentice.....	Chagrin Falls.
Wright, Oscar.....	Junction City.

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## SECOND PREPARATORY

Adams, Josephine Bentley.....	Cincinnati.
Adcock, Stanton Sylvester.....	Junction City.
Alexander, Rosanna Blanche.....	Chester Hill.
Alexander, Walter Bayliss.....	Chester Hill.
Allen, Herbert .....	Athens.
Armstrong, James Clifford.....	Belville.
Biddle, Benjamin Harrison.....	Athens.
Bloker, Ida May.....	Lindsey.
Bowers, Lena .....	Albany.
Bryan, Wylie De Camp.....	Gallipolis.
Burgess, Ethel Julia.....	Bartlett.
Burgess, Irma Ada.....	Bartlett.
Butts, Nina Leota.....	Athens.
Byer, Rodolph .....	Albany.
Caldwell, Samuel Clayton.....	Coolville.
Caldwell, William Burns.....	Letart Falls.
Carr, George C.....	Pennsville.
Chalfant, Allen Smith.....	Thornville.
Chee, Paul .....	New York City.
Clark, Cecile Wilma.....	Athens.
Copeland, Ray Ellsworth.....	Stewart.
Cowen, Earl Dorchester.....	Athens.
Crabbs, Peter Barkdull.....	Leavittsburg.
Crossen, Constance Zura.....	Athens.
Cullums, George Willis.....	Athens.
Curry, Adelaide Gertrude.....	McArthur.
Dailey, Martha Maria.....	Albany.
Deal, Nettie Mae.....	Iowa City, Iowa.
Dean, Mary Veronica.....	Brilliant.
Dean, Nellie Emilie.....	Findlay.
Dixon, James Floyd.....	Jackson.
Druggan, Minnie Elsie.....	Athens.
Duncan, James Link.....	Athens.
Eldridge, Anna Elizabeth.....	Bartlett.
Erf, George Arthur.....	Monroeville.
Falls, Ella Catherine.....	Bishopville.

Feisley, Carrie Ora.....	Clarington.
Gillogly, Blanche .....	Albany.
Gray, Charles Jennings.....	McArthur.
Hagedorn, Jesse Orville.....	Clarington.
Hageman, Fred William.....	Cincinnati.
Hixson, Lucy Margaret.....	Millfield.
Hoffmeister, Alexander Charles Max.....	Athens.
Holcomb, Ernest Andrew.....	Athens.
Holcomb, Fosa Fern.....	Athens.
Holland, Effie M.....	Salem.
Housel, Clay De Witt.....	Mogadore.
Hughes, Alonzo Bayard.....	Key.
Hughes, George Russell.....	Key.
Irvin, Clark Lester.....	Wilmington.
Jacoby, George William.....	Athens.
Johnson, Rafael Roe.....	Trimble.
Josten, Fred John.....	Athens.
Karn, Almeda .....	Cove.
Kenney, Lora May.....	Athens.
Kirkbride, Carl Chester.....	Ringgold.
Krout, Webster Sherman.....	Bremen.
Kym, Frank L.....	Somerset.
Law, George .....	Portland, Ore.
Leach, Roy Luman.....	Bedford.
Leckrone, Maurice D.....	Glenford.
Lutz, George Wayne.....	Rutland.
McCleery, William Acton.....	Lancaster.
McGregor, Joseph Leroy.....	Monongahela, Pa.
Marion, Clara Jennie.....	Amanda.
Mason, Sarah Effie.....	Cambridge.
Maxwell, Virgil Coler.....	Athens.
Mechling, George Vernon.....	Glenford.
Moore, Walter Root.....	Athens.
Mundhenk, Zoe Lenore.....	Athens.
Muth, James Benedict .....	Hohman.
Nye, Bessie .....	Chauncey.
O'Connor, Delia .....	Alice.
Oldroyd, Patience .....	Linden Heights.
Oxley, Delbert Franklin.....	Athens.
Palmer, Frank Harlan.....	Glenford.
Person, Errett A.....	Coolville.
Portz, Ella Clara.....	Newcomerstown.
Price, Marie Louise.....	Athens.
Pugh, Ira Ross.....	Armstrong's Mills.
Pugh, Vergie Agnes.....	Vincent.
Rife, Phena Abigail.....	Kyger.
Riley, Dwight Albin.....	Athens.
Sharp, David Benjamin.....	Athens.
Sheward, Carmel Clifford.....	Jackson.

Shrider, Ivan Zartman.....	Glenford.
Shriver, Virginia Dare.....	Clarkson.
Simmons, Guy David.....	Jackson.
Smith, Roy Wilford.....	Stewart.
Smith, Verle Cleveland.....	Basil.
Springer, Emmett Vance.....	Richmonddale.
Stage, William Addison.....	Lancaster.
Swallow, Charles Huffman.....	New Matamoras.
Taylor, John Emmett.....	Beallsville.
Tom, Stella Elsie.....	Albany.
Turner, Nellie Patience.....	Roxabelle.
Warrener, Mary Estelle.....	Amesville.
Way, Alexander Laughlin.....	New Matamoras.
Welday, Samuel Oliver.....	Bloomingdale.
Wheeler, Gladys Lovell.....	Amesville.
Whitmore, Charles Egbert.....	Buchtel.
Wildy, Howard James.....	Avalon, Va.
Wilkes, Charles Olney.....	Athens.
Wilkes, Herman Bingman.....	Chadbourne, N. C.
Wilkes, Lulu Constance.....	Athens.
Wilson, Flo Elizabeth.....	Amesville.
Wright, Porter Elmer.....	Bremen.
Yoakum, Thomas Douglas.....	Vigo.

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**FIRST PREPARATORY**

Bailey, Zilpha Delana.....	Athens.
Barton, Mary Hazel.....	Rutland.
Bingman, Howard McKinley.....	Coolville.
Bobo, Ethel Frances.....	Athens.
Bowles, Hal Chalfan.....	Dexter.
Brown, Archer Emmett.....	Athens.
Buchanan, David Lewis.....	Unionport.
Campbell, John Clifford.....	Nelsonville.
Campbell, Parry Clifford.....	Athens.
Cheadle, Dove .....	Waterford.
Cowen, George Henry.....	Athens.
Cranmer, Bessie May.....	Athens.
Davis, Louis Garfield.....	Crestline.
Davis, Ruth Myers.....	Athens.
Dickey, Walter Leroy.....	Hillsboro.
Dichl, Clarence Rudolph.....	Laurelvile.
Doolittle, Fleda Doris.....	Carbondale.
Drake, Anna May.....	Athens.
Dunn, Minnie Belle.....	Athens.
Dye, Haddon Spurgeon.....	Torch.
Fehndrich, Alexander Washington.....	Millersburg.
Francis, John .....	Athens.
Graham, Miles McKinley.....	Logan.

Grimm, Warren Windward.....	Beaver Falls, Pa.
Hanson, Fred Halliday.....	Gallipolis.
Hibbard, Carl Joseph.....	Athens.
Hite, Essie Cordelia.....	Murray City.
Huffman, George Leroy.....	Chandlersville.
Jacoby, Margaret Gertrude.....	Dillonvale.
Johnston, Fred Arthur.....	Athens.
Josten, Martin Peter.....	Athens.
Joyce, Frank Matthew.....	Canaanville.
Kenney, Wilber Clifford.....	Athens.
Linton, Gladys Amy.....	Athens.
McDaniel, Ira Alpheus.....	Athens.
McNeal, Elsie .....	Athens.
McNeal, Marjorie .....	Athens.
Mace, Lulu Edna.....	Athens.
Marshall, Iva May.....	Athens.
Mason, Frank Austin.....	Cambridge.
Moore, Clara Ellen.....	Athens.
Shaffer, Woodrow .....	Athens.
Sherman, James Edward.....	Athens.
Stage, Charles Arthur.....	Lancaster.
Swartz, Delbert Wilson.....	McArthur.
Williams, Jacob Wilhelm.....	Pomeroy.
Zenner, David Roe.....	Athens.

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## ENROLLMENT IN THE STATE NORMAL COLLEGE 1907-1908

(Exclusive of Summer Term, 1907.)

### FIRST YEAR IN ELEMENTARY EDUCATION

Bailey, Zilpha Delana.....	Athens.
Bobo, Ethel Frances.....	Athens.
Bobo, Estelle Frances.....	Athens.
Brooks, Eva May.....	Marshfield.
Brown, Archer Emmett.....	Athens.
Campbell, Parry Clifford.....	Nelsonville.
Cheadle, Dove .....	Waterford.
Cooperrider, Perry Elmer.....	Thornville.
Cowen, George Henry.....	Athens.
Cranmer, Bessie May.....	Athens.
Davis, Louis Garfield.....	Crestline.
Dickey, Walter Leroy.....	Hillsboro.
Diehl, Clarence Rudolph.....	Laurelville.
Doolittle, Fleda Doris.....	Carbondale.
Drake, Anna May.....	Athens.

Fehndrich, Alexander Washington.....	Millersburg.
Frost, Alta May.....	Alfred.
Grimm, Warren Windward.....	Beaver Falls.
Harper, Ada Geneva.....	Ray.
Hays, Madge Minerva.....	Jackson.
Hays, Nellie Borum.....	Jackson.
Heddleston, Grover Cleveland.....	New Matamoras.
Heinlein, Calvin Vance.....	Hue.
Heinlein, Pearl Melton.....	Orland.
Hite, Essie Cordelia.....	Murray City.
Horton, Estella F.....	Oak Hill.
Hurd, Bertha Opal.....	Laings.
Jacoby, Margaret Gertrude.....	Dillonvale.
Johnson, Clarence Sumner.....	Athens.
Kenney, Wilbur Clifford.....	Athens.
Kinsel, Fred Ernest.....	Wellston.
Linton, Gladys Amy.....	Athens.
Mace, Lulu Edna.....	Athens.
McDaniel, Ira Alpheus.....	Athens.
McNeal, Elsie .....	Athens.
McNeal, Marjorie .....	Athens.
Malster, Carrie Jean.....	Roxbury.
Neal, Ada .....	Bethel.
Nice, Grace Irene.....	Athens.
Ross, Alta Estelle.....	Waterford.
Ross, Mabel Alice.....	Marshfield.
Shaner, Mary Ruth.....	Athens.
Sherman, James Edward.....	Athens.
Stage, Charles Arthur.....	Lancaster.
Stine, Walter Cleveland.....	Hue.
Swartz, Delbert Wilson.....	McArthur.
Taylor, Everett Ebenezer.....	Beallsville.
Walburn, Edward .....	Carpenter.
Young, Harry Curtis.....	Millersburg.

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**SECOND YEAR IN ELEMENTARY EDUCATION**

Adams, Josephine Bentley.....	Cincinnati.
Adcock, Stanton Sylvester.....	Junction City.
Armstrong, James Clifford.....	Bellville.
Babione, Frances Larue.....	Woodville.
Biddle, Benjamin Harrison.....	Athens.
Bloker, Ida May.....	Lindsey.
Bowers, Lena .....	Albany.
Burgess, Ethel Julia.....	Bartlett.
Burgess, Irma Ada.....	Bartlett.
Butts, Nina Leota.....	Athens.
Byer, Rodolph .....	Albany.
Clark, Cecile Wilma.....	Athens.

Copeland, Ray Ellsworth.....	Stewart.
Cowan, Anna Elizabeth.....	Congo.
Cowen, Earl Dorchester.....	Athens.
Crossen, Constance Zura.....	Athens.
Cullums, George Willis.....	Athens.
Curry, Adeline Gertrude.....	McArthur.
Dailey, Martha Maria.....	Albany.
Dean, Mary Veronica.....	Brilliant.
Dean, Nellie Emilie.....	Findlay.
Dixon, James Floyd.....	Jackson.
Druggan, Elsie Minnie.....	Athens.
Duncan, James Link.....	Athens.
Eldredge, Anna Elizabeth.....	Bartlett.
Erf, George Arthur.....	Monroeville.
Falls, Ella Catherine.....	Bishopville.
Feisley, Carrie Ora.....	Clarington.
Gillogly, Blanche .....	Albany.
Hagedorn, Jesse Orville.....	Clarington.
Herrold, Daisy Irene.....	Nelsonville.
Holcomb, Ernest Andrew.....	Athens.
Holcomb, Fosa Fern.....	Athens.
Holland, Effie M.....	Salem.
Housel, Clay DeWitt.....	Mogadore.
Irvin, Clark Lester.....	Wilmington.
Jacoby, George William.....	Athens.
Johnson, Rafael Roe.....	Trimble.
Johnston, Effie May.....	Portsmouth.
Karn, Almeda .....	Cove.
Kenney, Lora May.....	Athens.
Krout, Webster Sherburne .....	Bremen.
Law, George .....	Portland, Oregon.
Lutz, George Wayne.....	Rutland.
McClellan, Mary .....	Shreve.
McNaughton, James Edgar.....	South Webster.
Mason, Sarah Effie.....	Cambridge.
Maxwell, Virgil Coler.....	Athens.
Mechling, George Vernon.....	Glenford.
Meikle, Olive Blanche.....	Gillespieville.
Morgan, Thomas Elmer.....	Oak Hill.
Murphy, Kathryn Theresa.....	Cygnet.
Muth, James Benedict.....	Holman.
Nice, Maud Leota.....	Marshfield.
O'Connor, Delia .....	Alice.
Oldroyd, Patience .....	Linden Heights.
Oxley, Delbert Franklin.....	Athens.
Palmer, Frank Harlan.....	Glenford.
Portz, Ella Clara.....	Newcomerstown.
Pugh, Virgie Agnes.....	Vincent.
Pugh, Ira Ross.....	Armstrong's Mills.

Rife, Phena Abigail.....	Kyger.
Sharp, David Benjamin.....	Athens.
Shrider, Ivan Zartman.....	Glenford.
Shriver, Virginia Dare.....	Clarkson.
Spriggs, Herbert Wendell.....	Oak Hill.
Starkey, Mary .....	Athens.
Stage, William Addison.....	Lancaster.
Swallow, Charles Huffman.....	New Matamoras.
Tarbill, Alice .....	New Holland.
Taylor, John Emmett.....	Beallsville.
Tom, Stella Elsie.....	Albany.
Tripp, Muriel Elizabeth.....	Holgate.
Turner, Nellie Patience.....	Roxabelle.
Valentine, Helen Rachel.....	Murphy.
Warrener, Mary Estelle.....	Amesville.
Way, Alexander Laughlin.....	New Matamoras.
Welday, Samuel Oliver.....	Bloomingdale.
Wheeler, Gladys Lovell.....	Amesville.
Wilkes, Herman Bingman.....	Chadbourne, N. C.
Wilkes, Lulu Constance.....	Athens.
Williamson, Frank .....	Amanda.
Wilson, Flo Elizabeth.....	Amesville.
Wright, Porter Elmer.....	Bremen.

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## THIRD YEAR IN ELEMENTARY EDUCATION.

Alford, John Franklin.....	Bremen.
Backus, Vera Mary.....	Holgate.
Barker, Rhoda Irene.....	Athens.
Batterson, Iva Pearl.....	Bryan.
Blizzard, Alpheus W.....	Baltimore.
Benecke, Lydia Lillian.....	Ridgeville Corners.
Boyd, Ernest Carl.....	Orangeville.
Brown, Florrie Marian.....	Chagrin Falls.
Buchan, Olive Jean.....	Mingo Junction.
Burgoon, John Alden.....	Athens.
Cagg, Miles Herbert.....	Nelsonville.
Cain, Josephine Burgess.....	Caldwell.
Clay, Tillie .....	Mendon.
Comstock, Joseph Hooker.....	Athens.
Cope, Alice Myrtle.....	Smithfield.
Druggan, Elizabeth .....	Athens.
Drury, Roy .....	Gloster.
Dunstan, Flavia Adelaide.....	Granville.
Fordyce, Josie Edna.....	Joseph's Mills, W. Va.
Forward, Elizabeth Lynn.....	Plantsville.
Fulwider, Albert Paul.....	Athens.
Gage, Edith Olga.....	Bartlett.
Gallaher, Myrtle Ione.....	Clarington.

Gates, Corinne Tambling.....	Chagrin Falls.
Grimm, Maud Sophia.....	Buchtel.
Henderson, Estella May.....	Savannah.
Henry, Anna Elizabeth.....	Kinsman.
Herrold, Grace May.....	Nelsonville.
Hixson, Ethel Sarah.....	Millfield.
Hull, Eleanor Lee.....	Greenfield.
Johnston, Edith May.....	Little, Ky.
Leist, Turney Lee.....	Amanda.
Leyda, Mabel Irene.....	Cutler.
Love, Cora Belle.....	Lockwood.
McLaughlin, Henry Max.....	Wilkesville.
Martin, Penelope Helen .....	Lisbon.
Meikle, Elsie May.....	Kinsman.
Nieding, Bertha Ellen.....	Vermilion.
Peugh, Bessie .....	Glouster.
Pilcher, Marguerite .....	Sparta, Ill.
Powell, William Minnich.....	Hanover.
Rechsteiner, Bertha Augusta.....	Lowell.
Ridenour, Clarence Ray.....	New Lexington.
Ridenour, Harry Lee.....	New Lexington.
Rogers, Grace .....	Jelloway.
Rorabeck, Lura May.....	Bedford.
Rubrake, Frances Katheryn.....	Lowell.
Rutherford, Bessie .....	Carpenter.
Shadduck, Leanna Edith.....	Vermilion.
Tannehill, Sarah Edith.....	Scott.
Thompson, Edna Lucile.....	Solon.
Turner, John James.....	Mt. Carbon, W. Va.
Uhl, Jennie Irene.....	Millersburg.
Wheler, Celia Dorothy.....	Ridgeville Corners.
Wilcox, Julia Ida.....	Hudson.
Wilson, Grace .....	Mingo Junction.
Winn, Mabel Elizabeth.....	Rutland.

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**FRESHMEN**

Bates, Ethel .....	Shawnee.
Bingman, Carl Wilson.....	Latrobe.
Bobo, Bertha .....	Athens.
Bohrer, Jay Verne.....	Toledo.
Buchan, Mary Lloyd .....	Mingo Junction.
Campbell, Helen Martyn.....	Chagrin Falls.
Clegg, Samuel Robert.....	Round Bottom.
Collins, Inez .....	McArthur.
Collins, Frances Pauline.....	Medina.
Davis, Madora .....	Marshfield.
Davis, Theora .....	Marshfield.
Dickerson, Harlan Jewett.....	South Zanesville.

Diggs, Charles Owen.....	Linden.
Earhart, Mazie Ada.....	Athens.
Eaton, Rena .....	New Vienna.
Finsterwald, Fredia .....	Athens.
Fleming, Lucy E.....	Amesville.
Glenn, Hazel Mary.....	Gallipolis.
Goe, Frances Adelaide.....	Cortland.
Gross, Haidee Coral.....	West Unity.
Hammond, Ernest .....	Milan.
Harper, Bessie .....	Wellston.
Hickox, J. Gilmore.....	Novelty.
Hoopes, Laura May.....	Chagrin Falls.
Hunter, Marie Douglas.....	Athens.
Jacobs, Arlington Brazil Cole.....	Lexington.
Kahler, Margaret Katherine.....	Conneaut.
Lewis, Dorothy Elizabeth.....	Sandusky.
McCormick, Flora .....	Plain City.
McLaughlin, Emma .....	Canal Fulton.
McVay, Francis Halbert.....	Marshallfield.
Matheny, Clarence Albert.....	Athens.
Merritt, Gladys Alice.....	Columbus.
Milroy, Louise Mary.....	Youngstown.
Miser, Georgia Grace.....	Conneaut.
Mullane, Gertrude Mary.....	Youngstown.
Mulligan, Mary Cecilia.....	Athens.
Musgrave, Mary .....	Athens.
Portz, Edward .....	Newcomerstown.
Putnam, Harriet Lamb.....	Athens.
Putnam, Virgene .....	Athens.
Reed, Atlee Delmer.....	Waterford.
Rogers, Cora May.....	Athens.
Rogers, Mary Geraldine.....	Shelby.
Robinson, Anna Elizabeth.....	Newark.
Sause, Ellen Mercedes.....	Youngstown.
Shilliday, Clarence Lee.....	New Milford.
Soule, Mary Minnie.....	Wilkesville.
Taylor, Esther Marcella.....	McArthur.
Vanderslice, Marie Llewellyn .....	South New Lyme.
Voegtle, Nelle Leona.....	Hannibal.
Wark, Mary Platt.....	Warren.
Will, Dorothy .....	McArthur.
Winzeler, Alta .....	Maumee.
Yingst, Nora Urania.....	Toronto.

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**SOPHOMORES**

Allen, Walter Osman.....	New Plymouth.
Bingnam, George Alvin.....	Athens.
Cromer, Paul Eli.....	Springfield.

Duga, Nettie Sara.....	Bellaire.
Edwards, Bernice C.....	Garrettsville.
Fredenbur, Bertha Louise.....	Uhrichsville.
Geeting, Charles Franklin.....	Eaton.
Glaser, Mary Katherine.....	Warren.
Halstead, Ruby Clara.....	Warren.
Harman, Elizabeth Adella.....	Aurora.
Hayden, Charles Ernest.....	Nelsonville.
Junod, Grace Marie.....	Athens.
Keck, Blanche Ione.....	McArthur.
Kinsinger, Grace Eleanor.....	Bellefontaine.
Lindsay, Madge .....	Bridgeport.
McBride, Jessie Enile.....	Middletown.
McGee, Allie Fidelia.....	Middletown.
Meyers, Effie Pearl.....	Amanda.
Morgan, William Thomas.....	Bourneville.
Mullay, Maud .....	Portland, Ore.
Pelton, Gladys M.....	Chagrin Falls.
Richmond, Winifred Vanerbilt .....	Marshfield.
Secoy, Mary Elizabeth.....	Athens.
Shupe, Lloyd Merle.....	Amanda.
Spohn, Burrell Blakeney.....	New Lexington.
States, Dora Alice.....	Spencerville.
Teaters, Elizabeth Mayes.....	Columbus.
Templer, May .....	Belpre.

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**JUNIORS**

Adams, Evelyn Lyon.....	Cincinnati.
Bailey, Cora Ethelyn.....	Lilly Chapel.
Bean, Cecil Calvert.....	Athens.
Cooley, Calla Ernestine.....	Athens.
Coulter, Louis Eldon.....	Malta.
Cromer, Horace Emerson.....	Springfield.
Harter, Elizabeth .....	Marietta.
Hildebrand, Frederick Byron.....	Cutler.
Merritt, Lillabridge Cynthian.....	Columbus.
Moody, Vittoria.....	Bartlett.
Morris, Leota Blanche.....	Harrisville.
Watkins, Mary Carson.....	Athens.
White, Clyde .....	New Concord.

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**SENIORS**

Adams, John William.....	Brownsville.
Coultrap, Bernice Hughes.....	McArthur.
Coultrap, Don C.....	Athens.
Humphrey, Sara Clare.....	Ironton.
Johnson, Aldis Adelbert.....	Farmdale.

Matheny, William Alderman.....	Athens.
Mayes, Harry Welday.....	Steubenville.
Nice, Leonard Blaine.....	Athens.
Parks, George C.....	Hopedale.
Rowles, Ethel Ellen.....	Bremen.
Simon, Mary Anna.....	Piqua.
Stine, Oscar Clemen.....	Glouster.

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**SPECIAL NORMAL**

Adams, Julia Bishop.....	Athens.
Bower, Allen McClellan.....	Coshocton.
Brown, Olive .....	Revere, Mo.
Caster, Aura .....	Carpenter.
Dixon, Asher Hooper.....	Albany.
Elder, Mary Frances.....	Athens.
Gage, Gladys.....	Bartlett.
Harper, Walter Jean.....	Monday.
Horton, Emily Florence.....	Blatchford.
Hauschildt, Lillian Mabel.....	Piqua.
Holden, Myrtle May.....	Wakeman.
Kent, Ada Marie.....	Bidwell.
Kent, Edna Glenn.....	Bidwell.
Kessler, Laurah Rebekah.....	Massillon.
King, Elizabeth Eulalie.....	Glouster.
Langdon, Emma May.....	Washington C. H.
Lawrence, Lydia Grace.....	Guysville.
Lawrence, Marie May.....	Vermilion.
Lively, Ora Clyde.....	Wellston.
Mason, Mabel Rose.....	Sugar Grove.
Musgrave, Elizabeth .....	Athens.
Plummer, Ruby M.....	Jackson.
Richeson, John Jacob.....	Sabina.
Rowles, Theodocia Lucretia.....	Bremen.
Smith, Murray Franklin.....	McArthur.
Starkey, Edith Belle.....	New Lexington.
Switzer, Milton Voltaire.....	Kenton.
Thompson, Catharine .....	Chauncey.
Thompson, Bert McCune.....	Senecaville.
Walls, Callie King.....	Athens.
Webster, Delpha May.....	Athens.
Wiley, Nathaniel .....	Kimball, W Va.
Wisma, Gertrude Mary.....	Ney.

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**POST GRADUATES**

Agler, Charles Marshall.....	Eldorado.
Clayton, Mary Florence.....	Athens.
Higgins, Winifred Belle.....	Athens.

McVey, John Tipton.....	Athens.
Mohler, Nellie Blanche.....	Athens.
Porter, Francis Marion.....	Circleville.
St. Clair, Anna May.....	Akron.

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**STUDYING FOR A DEGREE**

Beard, Solomon Frederick, A. B.....	Paulding.
Christmann, Geo. Washington, B. Ped., Ph. B.	Murray.
Hedrick, Eli Christian, B. Ped.....	Clarksburg.
Martzolff, Clement Luther, B. Ped.....	New Lexington.
Matheny, Charles Morris, B. Ped.....	Circleville.

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**SUMMARY**

First Year in Elementary Education.....	50
Second Year in Elementary Education.....	54
Third Year in Elementary Education.....	57
Freshmen .....	55
Sophomores .....	28
Juniors .....	13
Seniors .....	12
Special Normal .....	33
Post Graduates .....	7
Post Graduates Studying for a Degree.....	5
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Total .....	344

# ENGINEERING

## ELECTRICAL ENGINEERING

### Advanced Students

Alspach, James Harvey.....	Blacklick.
Bechtol, Harvey Winfield.....	Baltic.
Bemis, Arthur Sheldon.....	Aurora.
Bender, John Henry.....	West Lafayette.
Blackstone, Wilbert Stanley.....	Cumberland.
Boyd, John Stanley.....	Canal Winchester.
Britch, Kirby Ellsworth.....	Lancaster.
Clark, Harold William.....	Deersville.
Coleman, Harry Baxter.....	Carrollton.
Cox, Clarence Clifford.....	Gillespieville.
Cunningham, Fred Nixon.....	Steubenville.
Elliott, Edward Byron.....	Hillsboro.
Evans, Rhys David.....	Athens.

Finney, Joseph Ray.....	Waverly.
Fryburger, Frank C.....	Cozaddale.
Hambleton, Clarence Orlando.....	Marietta.
Hankison, Lewie Ellsworth.....	Lancaster.
Heyman, Roscoe Winfield.....	Bellevue.
Hickle, Clyde Monroe.....	Lithopolis.
Hilliard, Atwell Franklin.....	Lithopolis.
Johnson, Howard Blane.....	Plants.
Johnston, William Cloyd.....	Bremen.
Jonston, Tom Addison.....	Burghill.
Keller, Cecil Ward.....	Bremen.
Lapp, Paul George.....	Bucyrus.
McClure, Oscar Earle.....	Seaman.
Michaels, Augustus Philip.....	Chillicothe.
Miller, Albert Earl.....	Nellie.
Patterson, Jay Robert.....	Shiloh.
Porter, Francis Marion.....	Circleville.
Raney, Estelle Coler.....	Crooksville.
Shields, Buren Riley.....	Crooksville.
Silvus, William Green.....	Athens.
Speer, James Eberlein.....	Bloomingdale.
Stevenson, Arthur James.....	Kenton.
Taylor, Barnett Winning.....	Hendrysburg.
Welch, Matthew Reed.....	Burgettstown, Pa.
Wetzell, Lewis Orvel.....	Carrollton.
Williamson, Samuel Alpha.....	Amanda.
Witherspoon, Guy Holliday.....	McArthur.

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**First Year**

Alexander, Jesse .....	New Philadelphia.
Allen, Herbert (Preparatory).....	Athens.
Beebe, Thomas Walter.....	Bedford.
Bibbee, Elijah Clinton.....	Letart Falls.
Brubaker, Henry Sampson.....	Monongahela, Pa.
Connett, William Wyatt.....	Athens.
Cowles, Ralph Cecil.....	Bedford.
Crisp, Raymond George.....	Akron.
Crooks, William Henderson.....	Forest.
Crow, Herman G.....	Madison Mills.
Davis, Franklin Armitage.....	Athens.
Davis, John Bruce.....	Georgetown.
Donzy, Fred William.....	Weston.
Finnicum, John Lyle.....	Hopedale.
Foster, Harry Zadoc.....	Athens.
Gordon, Chester Saylor.....	Mt. Victory.
Hartford, Jefferson Saltsman.....	Toronto.
Hughes, Alonzo Bayard.....	Key.
Hughes, George Russell.....	Key.

Kanable, Grover Guy.....	Osceola.
Kondo, Ko .....	Tokio, Japan.
Leach, Roy Luman.....	Bedford.
Leyda, Edgar James.....	Monongahela, Pa.
Lively, Oscar Ray.....	Wellston.
Miller, Ernest Carl.....	Lorain.
Morgan, Wilbur Windom.....	Lyndon.
Pettit, Percival Percleses.....	Creola.
Rader, Walter Earl.....	Blacklick.
Stamm, John Merrill.....	Prospect, Pa.
Stebelton, Leroy Edmond.....	Lithopolis.
Stout, Orin Clark.....	Stoutsburg.
Teeling, Rudy Bell.....	Millersburg.
Trimble, John Henry.....	Jacobsburg.
Watts, Charles Harrison.....	Crooksville.
Williams, Rees Edgar.....	Glouster.
Williamson, Charles Owen.....	Lancaster.
Wilmot, Virgil Prentice.....	Chagrin Falls.
Yauger, Harry Thomas.....	New Lexington.
Yaw, Otto Virgil.....	Glouster.

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## CIVIL ENGINEERING

### Second Year

Adams, Karl Langdon.....	Cincinnati.
Balis, Carl Randall.....	Athens.
Beckler, Charles Rudolph.....	Athens.
Beckler, Fred Hoadley.....	Athens.
Bibbee, Elijah Clinton.....	Letart Falls.
Byder, Charles Oliver.....	Carrollton.
Clemmer, John Hugh.....	Hicksville.
Connett, Loring George.....	Athens.
Connett, William Wyatt.....	Athens.
Crisp, Raymond George.....	Akron.
Crow, Herman G.....	Madison Mills.
Foster, Harry Zadoc.....	Athens.
Kent, Zeno Nichol.....	Chagrin Falls.
Lever, Henry Work.....	Loveland.
Melick, Clark Owen.....	Axline.
Minesinger, Thomas William.....	New Cumberland,W.Va.
Morgan, Thomas Francis.....	Jackson.
Nye, Robert Eugene.....	Chauncey.
Pidgeon, Howard A.....	Pennsville.
Pollock, William Ralph.....	Coraopolis, Pa.
Stewart, Charles G.....	Hockingport.
Warren, James Pratt.....	Athens.
Watson, Wade Trafton.....	Jelloway.
Wisda, James William.....	Ney.

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**First Year**

Cooper, David Miller.....	Athens.
Davis, William Newell.....	Jackson.
Gordon, Chester Saylor.....	Mt. Victory.
Hankison, Lewie Ellsworth.....	Lancaster.
Helfrich, John Wert.....	Carrollton.
Hustis, Harold Milton.....	Brinckerhoff, N. Y.
Koons, Herbert Nelson.....	Athens.
Lehman, Raymond Deford.....	Columbus.
McKinniss, Carl.....	Hamden Junction.
Nessler, Sidney Louis.....	Sidney.
Patterson, Clifford Scott.....	Monongahela, Pa.
Raney, Estelle Coler.....	Crooksville, Pa.
Reeves, George Walter.....	Athens.
Weisenberger, Leo Lewis.....	McArthur.
Williamson, Charles Owen.....	Lancaster.
Wright, Oscar.....	Junction City.
Zellner, Louis De Grief.....	New Philadelphia.

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**COMMERCIAL COLLEGE****FULL COMMERCIAL COURSE FINISHED IN 1907**

Bingham, George Alvin.....	Athens.
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**FOURTH YEAR IN COMMERCIAL COURSE**

Allard, Laura Eliza.....	Jackson.
Bingham, Garnet Gertrude.....	Athens.
Cranmer, Harvey Edward.....	Athens.
Junod, Grace Marie.....	Athens.
Livingston, Alfred Erwin.....	Athens.
Murphy, Clayton Earl.....	Nelsonville.
Parks, Gorge Crawford.....	Hopedale.
Warren, Samuel Cyrus.....	Athens.

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**THIRD YEAR IN COMMERCIAL COURSE**

Cable, William Ransom.....	Athens.
Carpenter, Belford F.....	Nelsonville.
Diggs, Charles Owen.....	Lyndon.
Hamilton, Frank Howard.....	Monongahela, Pa.
Lee, William Walter.....	Athens.
McLean, Nellie Charlotte.....	Athens.
Martin, Peter Leslie.....	Athens.
Moler, Arthur Lee.....	Athens.

Parks, Hugh Whiteford.....	Hopedale.
Pickering, Goldie Gay.....	Athens.
Pownall, Horton Calahan.....	Pomeroy.
Sanzenbacher, Elizabeth .....	Piqua.
Schaeffler, Madeline .....	Athens.
Shupe, Ervin Ellsworth.....	Amanda.
Studer, Robert John.....	Athens.
Wilkes, Herman Bingman.....	Chadbourne, N. C.

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**SPECIAL COURSE COMPLETED IN 1907**

Allard, Laura Eliza(Stenography).....	Jackson.
Bartels, Earnest August (Accounting and Stenography) .....	Syracuse.
Bennett, Clarence Edward (Accounting)....	Nelsonville.
Blackstone, Wilbert Stanley (Accounting)....	Cumberland.
Britch, Kirby Ellsworth (Accounting).....	Lancaster.
Campbell, Edna V. (Accounting).....	Athens.
Connett, Mary (Accounting).....	Athens.
Conrad, Albert Allen (Accounting).....	Amanda.
Cranmer, Harvey Edward (Accounting).....	Athens.
Haffey, William Hunter (Stenography).....	Canal Winchester.
Hamilton, Frank Howard (Accounting).....	Monongahela, Pa.
Hickle, Clyde Monroe (Accounting).....	Lithopolis.
Hilliard, Atwell Franklin (Accounting).....	Lithopolis.
Hooper, Emmett Lorenzo (Accounting).....	Athens.
Johnston, William Clyde (Accounting).....	Bremen.
Junod, Grace Marie (Accounting).....	Athens.
Kenney, Ralph Clinton (Accounting).....	Athens.
Kincade, Myrta Pearl (Stenography).....	Athens.
Lorbach, Leo William (Accounting).....	Waverly.
McDaniel, Etta (Stenography).....	New Plymouth.
McKeever, Daniel Alvin (Accounting).....	McArthur.
Mills, Elizabeth Frances (Stenography).....	Athens.
Murphy, Clayton Earl (Stenography).....	Nelsonville.
Porter, Francis Marion (Accounting).....	Circleville.
Rowles, Grace (Stenography).....	Bremen.
Sanzenbacher, Elizabeth (Stenography).....	Piqua.
Speck, Frank Richards (Stenography).....	Uhrichsville.
Starr, Beulah (Stenography).....	Austin.
Walsh, Ethel Xavier (Accounting).....	Athens.
Warren, Samuel Cyrus (Accounting).....	Athens.
White, Mary Adda (Stenography).....	Athens.

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**REVIEW, SPECIAL AND COURSE UNFINISHED**

Andrews, Noah Frederick.....	Sand Run.
Ashbrook, Alva Hiram.....	Columbus.
Atkinson, Etta Violet.....	Athens.

Bailey, Cora Ethlyn.....	Lilly Chapel.
Battin, Emma.....	Marietta.
Baysinger, Bertha May.....	Sharon Center.
Biddle, Mary Lucile.....	Athens.
Bishop, Helen Maud.....	Athens.
Blackstone, Alva.....	Cumberland.
Blower, George Cromwell.....	Trimble.
Bobo, Ethel Frances.....	Athens.
Bray, Nellie Medrith.....	Logan.
Brookins, Allena May.....	Jackson.
Burritt, Nellie June.....	Athens.
Burson, Flossie Mary.....	Athens.
Christy, Orpha Anise.....	Amanda.
Cooper, Melissa Jane.....	Gallipolis.
Corn, Bessie May.....	Wellston.
Coulson, Bernice Ellen.....	Athens.
Coultrap, Manning Gebhardt .....	Athens.
Craig, Carrie DeWitt.....	Washington C. H.
Crow, Herman G.....	Madison Mills.
Cox, Clarence Clifford.....	Gillespieville.
Davis, Halbert Mattocks.....	Kinsman.
Diggs, Charles Owen.....	Lyndon.
Duncan, Flossie Adrienne.....	Athens.
Duncan, James Link.....	Athens.
Dunn, Minnie Bell.....	Athens.
Dutton, Walter Curtis.....	Hockingport.
Dye, Sidney Ogier.....	Hamden Junction.
Elder, Mary Frances.....	Athens.
Evans, Pearl .....	Middleport.
Fahrer, David .....	Rushville.
Farley, Katherine Margaret.....	Athens.
Finney, Joseph Ray.....	Waverly.
Fletcher, William Hugh.....	Albany.
Forsythe, Florance D....	Monongahela, Pa.
Foster, Harry Zadoc.....	Athens.
Frantz, George W.....	Donora, Pa.
French, Mary Esther.....	Luhrig.
Gage, Edith Olga.....	Bartlett.
Gard, Frank Everett.....	Dayton.
Gray, Charles Jennings.....	McArthur.
Gullum, Frank Barnhart.....	Hamden Junction.
Haffey, William Hunter.....	Canal Winchester.
Hall, Jesse Charles.....	Glouster, R. D. 3.
Hambleton, Clarence Orlando.....	Marietta.
Hankison, Lewie Ellsworth.....	Lancaster.
Harper, Walter Jean.....	Monday.
Hawk, James Finly.....	Petrolia, Pa.
Hellyer, Ethel McClish.....	Logan.
Heminger, Ethel Martha.....	Athens.

Henke, Cecile Anita.....	Athens.
Henke, Heber Hunt.....	Athens.
Hixon, Lucy Margaret.....	Millfield.
Horton, Emily Florence.....	Blatchford.
Isenberg, George Carl.....	Johnstown, Pa.
Jones, Evan Johnson.....	<b>Athens.</b>
Johnson Howard Blane.....	Plants.
Jones, Minnie Ellen.....	Dayton.
Jones, Thomas Hoyt.....	Jackson.
Kinnison, Margaret Lucile.....	Jackson.
Kirby, Melissa Ellen.....	Dayton.
Kirkbride, Carl Chester.....	Ringgold.
Koons, Herbert Nelson.....	Athens.
Lavelle, Anthony Francis.....	Little Hocking.
Lax, Flo.....	Nelsonville.
Lever, Henry Work.....	Loveland.
Lohse, Goldie May.....	Athens.
McCoy, Garnet Elizabeth.....	Middleport.
McKinniss, Clarence.....	Hamden Junction.
Martin, Stella May.....	Athens.
Maxwell, Virgil Coler.....	Athens.
Michaels, Augustus Phillip.....	Chillicothe.
Miller, Albert Earl.....	Nellie.
Miller, Arthur Stanley.....	Thurston.
Miller, Earle Augustus.....	Athens.
Mills, Elizabeth Frances.....	Athens.
Morris, Pearl P.....	Millfield.
Mullay, Maud.....	Portland, Oregon.
Muth, James Bennett.....	Hohman.
Nelson, Ena Merle.....	Athens.
Niggemeyer, Theodore Arthur.....	Guysville.
Parks, Hugh Whiteford.....	Hopedale.
Pennell, Goldie Ercell.....	Athens.
Peugh, Minnie Olive.....	Gloster.
Portz, Edward .....	Newcomerstown.
Raley, Helen Louise.....	Carrollton.
Reading, Laura Lorinda.....	Athens.
Riley, Letta Addine.....	Athens.
Roach, Louise .....	Athens.
Rowles, Theodocia Lucretia.....	Bremen.
Ruston, James .....	Athens.
Ruston, William.....	Athens.
Schaeffler, Charles Harry.....	Athens.
Selby, Goldie Belle.....	Athens.
Smith, Cordelia .....	Elmwood.
Smith, Emma Geneva.....	Amesville.
Smith, Lula Gertrude.....	Elmwood.
Speer, John Day.....	Bloomingdale.
Straughter, Walter Lawrence.....	Gloster.

Swanson, Hester Sarelda.....	Athens.
Swanson, Mayme Hannah.....	Athens.
Thomas, George Grindley.....	Jackson.
Townsend, Florence .....	Carpenter.
Trainer, Harry Townsend.....	Carpenter.
Ullom, Charlotte Devol.....	Germantown, Pa.
Wallace, William Ralph.....	Morefield.
Welch, Matthew Reed.....	Burgettstown, Pa.
Welch, Wilson Johnson.....	Charleston, W. Va.
Wetzel, Lewis Orvel.....	Carrollton.
White, Clyde Lawrence.....	Coolville.
White, William S.....	Pomeroy.
Williams, Jacob Wilhelm.....	Pomeroy.
Williamson, Samuel Alpha.....	Amanda.
Wood, Robert Simpson.....	Athens.
Woolley, Bruce D.....	Athens, R. D. 5.
Young, Nita .....	Nelsonville, R. D. 4.

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## COLLEGE OF MUSIC

Adams, Josephine Bentley.....	Cincinnati.
Adams, Julia Bishop.....	Athens.
Alderman, Nellie Addine.....	Athens.
Alderman, William Elijah.....	Athens.
Allard, Laura Eliza.....	Jackson.
Andrews, Adda May.....	Glouster.
Andrews, Florence Eva.....	Glouster.
Armitage, Harriet Dean.....	Athens.
Atkinson, Gertrude Aldine.....	Athens.
Baker, Faye Athens.....	Athens.
Baker, Sadie Blanche.....	Zanesville.
Barnes, Bernice B.....	Bowerston.
Barton, Mary Hazel.....	Athens.
Batterson, Iva Pearl.....	Bryan.
Bean, Cecil Calvert.....	Athens.
Beckett, John Scouller.....	Hamilton.
Beckler, Edith Blanche.....	Athens.
Beery, Jean Z.....	Rushville.
Benecke, Lydia Lillian.....	Ridgeville Corners.
Bishop, Lenora Belle.....	Athens.
Bishop, Mary Virginia.....	Athens.
Blizzard, Alpheus W.....	Baltimore.
Boelzner, Wilhelmina Rose.....	Athens.
Bolin, Jessie Viola.....	Athens.
Bolton, Rudolph Ray.....	Mendon.
Bowser, Ida Elizabeth.....	Columbus.

Brickles, Lulu Harper.....	Athens.
Brooks, Dana Frances.....	Athens.
Brooks Ruth Newcome.....	Athens.
Brown, Olive .....	Revere, Mo.
Bryan, Wylie De Camp.....	Gallipolis.
Bryson, Phyllis .....	Athens.
Buchanan, James William.....	Basil.
Burgess, Ethel Julia.....	Bartlett.
Burson, Lucile Coe.....	Shade.
Bush, Georgia Hall.....	Athens.
Butt, Lewis Wesley.....	Chauncey.
Cable, Julia Luella.....	Athens.
Cable, Louise Margaret.....	Denver, Colo.
Cain, Josephine Burgess.....	Caldwell.
Campbell, Edna V.....	Athens.
Campbell, Helen Martyn.....	Chagrin Falls.
Carpenter, Aileen Clare.....	Athens.
Carpeter, Edith May.....	Athens.
Carpenter, Esther.....	Albany.
Carr, Alberta Hamilton.....	Athens.
Chappelear, Faith.....	Athens.
Chappelear, Mary Laurette Burdsall.....	Athens.
Cherrington, Harold Edgar.....	Alice.
Chrisman, Oscie Dru.....	Athens.
Chubb, Catherine .....	Athens.
Chute, Berenice Fauney.....	Jacksonville.
Clayton, Mary Florence.....	Athens.
Cline, Lizzie Faye.....	Albany.
Coates, Anna Pearl.....	Nelsonville.
Conner, Grace Bradford.....	Garretttsville.
Connor, Margaret Ethel.....	Blatchford.
Cooley, Calla Ernestine.....	Athens.
Copeland, Edna Florence.....	Athens.
Copeland, Nellie Elizabeth.....	Athens.
Coulson, Leah Iris.....	Athens.
Courtney, Florence Effie.....	Beaumont.
Crippen, Helen Virginia.....	Athens.
Crisp, Raymond George.....	Akron.
Cromley, Edith Baker.....	Athens.
Cunningham, Lucy .....	Zaleski.
Davis, Madora .....	Marshfield.
Davis, Theora .....	Marsheld.
Dean, Nellie Emilie.....	Findlay.
Dent, Vina May.....	Athens.
Deweese, Eliza .....	Washington.
Dickason, Clara Elizabeth.....	Columbus.
Donzy, Frederick William.....	Weston.
Doolittle, Fleda Doris.....	Carbondale.
Driggs, Bessie Irene.....	Athens.

Drury, Roy .....	Gloster.
Duncan, Flossie Adrienne.....	Athens.
Dunkle, Herbert Bothwell.....	Athens.
Dunstan, Flavia Adelaide.....	Granville.
Dyson, Mary Elizabeth.....	Athens.
Earhart, Elizabeth .....	Athens.
Eaton, Edith Mildred.....	Huntington, W. Va.
Edgerton, John Wayne.....	Plantsville.
Edwards, Mary Ethel.....	Syracuse.
Elder, Florence May.....	Athens.
Elder, Mary Frances.....	Athens.
Evans, Rhys David.....	Athens.
Falloon, Helen Worth.....	Rutland.
Faris, Lillie Anne.....	Lynchburg.
Feisley, Carrie Ora.....	Clarington.
Fenzel, Beatrix Helena.....	Athens.
Fenzel, Maude .....	Athens.
Fenzel, William Henry.....	Athens.
Finney, Joseph Ray.....	Waverly.
Finsterwald, Charles Frederick.....	Guysville.
Finsterwald, Fredia .....	Athens.
Foraker, Katie .....	Chauncey.
Forsythe, Florance D.....	Monongahela, Pa.
Foster, Frances .....	Athens.
Foutch, Elizabeth .....	Athens.
Francis, Mildred Isabel.....	Athens.
Fredenbur, Bertha Louise.....	Uhrichsville.
Frost, Eva .....	Athens.
Gage, Gladys .....	Bartlett.
Gahm, Haldor Louis.....	Jackson.
Gallaher, Myrtle Ione.....	Clarington.
Gamble, Sylvia Vesta.....	Athens.
Gard, Frank Everett.....	Dayton.
Gardner, Verna Gladys.....	Chauncey.
Gates, Corinne Tambling.....	Chagrin Falls.
Gillett, Kittie Rea.....	Athens.
Ginnan, Mary Ellen.....	Athens.
Glass, Grover.....	Athens.
Goldsberry, Blaine Randolph.....	Athens.
Goldsberry, John Russell.....	Athens.
Green, Ella May.....	Athens.
Green, Lizzie Belle.....	Athens.
Gregory, Norma Phinneattis.....	Elkins, W. Va.
Gross, Carl Lenox.....	Athens.
Hamilton, Frank Howard.....	Monongahela, Pa.
Harmon, Elizabeth Adella.....	Aurora.
Hartnell, Minnie Belle.....	Coolville.
Hastings, Lucile Fuller.....	Athens.
Hauschildt, Lillian Mabel.....	Piqua.

Hawk, Helen Marie.....	Athens.
Hayes, Clara Genevieve.....	Athens.
Helfrich, John Wert.....	Carrollton.
Henderson, Olive .....	Scio.
Henke, Cecile Anita.....	Athens.
Henke, Heber Hunt.....	Athens.
Henry, Alice .....	Athens.
Henry, Virgene Woodworth.....	Athens.
Herrold, Grace May.....	Nelsonville.
Higgins, Bessie Inez.....	Athens.
Higgins, Hannah Louise.....	Athens.
Hite, Essie Cordelia.....	Murray City.
Hixon, Ethel Sara.....	Millfield.
Holden, Myrtle May.....	Wakeman.
Holliday, Flora Dell.....	Piedmont.
Hoskinson, Lucy May.....	Athens.
Huhn, William .....	McArthur.
Humphrey, Sara Clare.....	Ironton.
Hunter, Marie Douglas.....	Athens.
Jacobs, Gertrude Marian.....	Jackson.
Jones, Anna May.....	Gloster.
Junod, Grace Marie.....	Athens.
Kenney, Lora May.....	Athens.
Kent, Edna .....	Bidwell.
Kent, Ada Marie.....	Bidwell.
Kessler, Laurah Rebekah.....	Massillon.
King, Elizabeth Eulalie.....	Gloster.
Kircher, Dorothy .....	Athens.
Koons, Lena Imogene.....	Athens.
Koons, Nelle .....	Athens.
Krapps, Hazel L.....	Athens.
Kurtz, Frank Bartlett.....	Athens.
Lang, Grace .....	Athens.
Langdon, Emma May.....	Washington C. H.
Lash, Greta Alecia.....	Athens.
Law, Christine Elizabeth.....	Chauncey.
Lawrence, Lydia Grace.....	Guysville.
Lawrence, Marie May.....	Vermilion.
Leete, Constance Grosvenor.....	Athens.
Lewis, Charles Raymond.....	Rushville.
Leyda, Mabel Irene.....	Cutler.
Leydon, Anna Agnes.....	Athens.
Leyden, Catherine Cecelia.....	Athens.
Lively, Sarah Joanna.....	Albany.
Logan, Elizabeth Mearle.....	Athens.
Logan, Olive Virginia.....	Athens.
Lord, Frank Reuel.....	Athens.
McAdoo, Madge Vickers.....	Mineral.
McCleery, Nellie Fern.....	Basil.

McDonald, Lucy Annette.....	Nelsonville.
McDonald, Mabel .....	Nelsonville.
McGinniss, Mabel Beatrix.....	Frazeysburg.
McKinstry, Cassandra Bartlett.....	Athens.
McKinstry, Hazel Leona.....	Athens.
McKinstry, Mary Claire.....	Athens.
McLean, Amelia Romaine.....	Athens.
McLean, Nellie Charlotte.....	Athens.
McVay, Charles Don.....	Athens.
Marquis, Carrie Edith.....	Mineral.
Martin, Penelope Helen.....	Lisbon.
Martin, Peter Elwyn.....	Athens.
Mason, Ina Beulah.....	Sugar Grove.
Mason, Jennie .....	Cambridge.
Matheny, Florence Elizabeth Colvin.....	Athens.
May, Grace .....	Norwalk.
Mayes, James Ray.....	Steubenville.
Melchi, Blanche Amber.....	Stewart.
Meyers, Effie Pearl.....	Amanda.
Miller Ernest Carl.....	Lorain.
Millikan, Agnes Dyson Beck.....	Athens.
Millikan, Donald .....	Athens.
Mills, Lewis Herald.....	Athens.
Mills, Mildred .....	Athens.
Mitchell, Eva Louise.....	Pt. Pleasant, W. Va.
Morgan, Oliver Beck.....	Lyndon.
Mullay, Maud .....	Portland, Ore.
Nelson, Ena Merle.....	Athens.
Nelson, Florence .....	Athens.
Northup, Arnett Almon.....	Nauvoo, Ill.
Nye, Bessie .....	Chauncey.
Nye, Robert Eugene.....	Chauncey.
O'Connor, Gertrude .....	Stewart.
Palmer, Edith .....	Athens.
Parfitt, Edith May.....	Nelsonville.
Parker, Edna Lucile.....	Athens.
Parker, May .....	Athens.
Parker, William Floyd.....	Athens.
Patterson, Cliford Scott.....	Monongahela, Pa.
Pelton, Gladys M.....	Chagrin Falls.
Perkins, Ione Marie.....	McArthur.
Pickett, Florence Elizabeth.....	Athens.
Pickett, Helen Emma.....	Athens.
Plummer, Ruby M.....	Jackson.
Pond, Walter Allen.....	Athens.
Portz, Edward .....	Newcomerstown.
Portz, Ellen Clara.....	Newcomerstown.
Pospichel, Stephen.....	Buchtel.
Radcliffe, Ethel Omega.....	Athens.

Ratcliffe, Louise Alverta.....	Gillespieville.
Rathburn, Maude .....	Nelsonville.
Rechsteiner, Bertha Augusta.....	Lowell.
Redding, Clara .....	Mt. Perry.
Reeder, Anna.....	Athens.
Reeder, Grace.....	Athens.
Reidenbach, Frederick William.....	Port Washington.
Reynolds, Willia Frances.....	Bartlett.
Richardson, Herbert Stanley.....	Athens.
Ridenour, Harry Lee.....	New Lexington.
Roach, Edith Marie.....	Athens.
Robbins, Minor Kenneth.....	Athens.
Robey, Bessie Naomi.....	Logan.
Roderick, Owen M.....	Jackson.
Rowan, Marie Gertrude.....	Hattiesburg, Miss.
Rowles, Ethel Ellen.....	Bremen.
Rowles, Grace.....	Bremen.
Rowles, Theodocia Lucretia.....	Bremen.
Sams, Darrell Hudson.....	Athens.
Saunders, Aletha .....	Guysville.
Sause, Ellen Mercedes.....	Youngstown.
Schaeffler, Charles Harry.....	Athens.
Secoy, Ina May.....	Athens.
Secoy, Wilbur M.....	Athens.
Selby, John D.....	Athens.
Shirkey, Della Miriam.....	Jacksonville.
Silvus, Effie.....	Athens.
Sims, Otto Leroy.....	Basil.
Slaughter, Maud Alena.....	Athens.
Smith, Verle Cleveland.....	Basil.
Smith, Willie Gordon.....	Chauncey.
Snyder, Reba Dell.....	Mineral.
Speck, Frank Richards.....	Uhrichsville.
Starkey, Mary.....	Athens.
Starr, Dano Elmer.....	Athens.
Starr, Elma Vera.....	Athens.
Stewart, Huldah Ellen.....	Harrisonville.
Stoneburner, Sara Wilson.....	Nelsonville.
Strausbaugh, Nora Elda.....	Chauncey.
Sweeney, Murray.....	Athens.
Swope, Russell.....	Gloster.
Taylor, Susie.....	Athens.
Thacker, Ethel Ora.....	Ray.
Thomas, Deborah.....	Athens.
Thomas, Emaline.....	Athens.
Thomas, Grace Darling.....	Athens.
Thomas, Margaret.....	Athens.
Thompson, Catherine.....	Chauncey.
Treudley, Ruth.....	Athens.

Ullom, Charlotte Devol.....	Germantown, Pa.
Voegtly, Nelle Leona.....	Hannibal.
Walker, Mary Edith.....	Athens.
Walls, Louise King.....	Athens.
Warren, Samuel Cyrus.....	Athens.
Webster, Delpha May.....	Athens.
Welday, Samuel Oliver.....	Bloomingdale.
Wheaton, Fred Shepper.....	Athens.
Whitcomb, Charles Thatcher.....	Uhrichsville.
Whitmore, Charles Egbert.....	Buchtel.
Will, Anna Marie.....	McArthur.
Will, Dorothy.....	McArthur.
Williams, James Stanley.....	Gallipolis.
Williamson, Charles Owen.....	Lancaster.
Williamson, John.....	Glouster.
Wilson, Florence Craig.....	Athens.
Wilson, Grace.....	Mingo Junction.
Winters, Alice Frances.....	Coolville.
Wisma, Gertrude Mary.....	Ney.
Wolf, Forrest Eugenie.....	Athens.
Wood, Mary Reah.....	Athens.
Woods, Olah Angell Hooper.....	Athens.
Woodyard, Grace Gifford.....	Sharpsburg.
Wyatt, Garnett Clair.....	Glouster.
Zenner, David Roe.....	Athens.
Zenner, Phillip McKnight.....	Athens.

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## SUMMER SCHOOL

Abbey, Stella.....	Madison.
Adam, Mary Helena.....	Newark.
Adams, John William.....	Johnstown.
Adams, Julia Bishop.....	Johnstown.
Alderman, William Elijah.....	Athens.
Alderman, Nellie Addine.....	Athens.
Alexander, Anna May.....	Ironton.
Alexander, Rosanna Blanche.....	Chester Hill.
Alford, James Perry.....	Bremen.
Allen, Grace Hadley.....	Glouster.
Allen, Lillie Margaret.....	Athens, R. D. 9.
Allen Walter Osman.....	New Plymouth.
Allison, Anna Myrtle.....	Mechanicstown.
Altvater, Frank Ross.....	Newport.
Amendt, Lucile.....	New Philadelphia.
Andrews, Noah Frederick.....	Sand Run.
Applegate, Eleanor.....	Beverly.
Ardrey, Bertha Ola.....	Mt. Perry.

Armstrong, Blanche.....	Vincent.
Armstrong, Walter Lyman.....	Bellville.
Asher, Ethel Marie.....	New Holland.
Aten, Myrtle Edith.....	Nevada.
Atkinson, Gertrude Aldine.....	Athens.
Ault, Alice Mabel.....	Portsmouth.
Bailey, Cora Ethlyn.....	Lilly Chapel.
Bailey, Elizabeth.....	New Straitsville.
Bailey, Zilpha Delana.....	Athens.
Baker, Anna.....	Zanesville.
Baker, Effie .....	Thornville.
Baker, Sadie Blanche.....	Zanesville.
Balderson, Olney .....	Amesville.
Balo, Carrie Lela.....	Adams Mills.
Barclay, Grace.....	Freeport.
Barnes, Bernice B.....	Bowerston.
Barnes, Florence Luella.....	Wellston.
Barnes, Nora Esther.....	Oreton.
Bartlett, Ethel.....	Waterford.
Bates, Edith Sylvester.....	Middleport.
Baugher, Ertel Beatrice.....	Newark.
Baysinger, Bertha May.....	Sharon Center.
Beach, Carrie Adelia.....	New Holland.
Bealer, Mary Katherine.....	Shawnee.
Bean, Cecil Calvert.....	Athens.
Bean, Leo Chapman.....	Gallipolis.
Beard, Solomon Frederick.....	Genoa.
Beckle, Jennie .....	Athens.
Beckler, Fred Hoadley.....	Athens.
Beers, Ethel .....	Dresden.
Beery, Jean Z.....	Rushville.
Beery, Vincent D.....	Rushville.
Begland, Samuel .....	New Straitsville.
Benedict, Laura Evelyn.....	Painesville.
Bentley, William Prescott.....	Athens.
Beshore, Dora Alice.....	Brilliant.
Beverage, Grace Marie.....	Athens.
Biddle, Clinton Poston.....	Athens.
Bingham, Garnet Gertrude.....	Athens.
Bingman, Carl Wilson.....	Latrobe.
Blackstone, Alva .....	Cumberland.
Blower, George Cromwell.....	Trimble.
Bobo, Bertha .....	Athens.
Boelzner, Lena Ellen.....	Athens.
Bohrer, Jay Verne.....	Toledo.
Bolin, Jessie Viola.....	Athens.
Bolton, Rudolph Ray.....	Mendon.
Bosworth, Lula Alma.....	Harris Station.
Bothwell, Julia Stanley.....	Cincinnati.

Bottenfield, Lou.....	Antioch.
Bourquin, Jessie Mabel.....	Taylorsville.
Bowles, Cora .....	Athens.
Braley, Mac Rolin.....	Athens.
Bray, Nellie Medrith.....	Logan.
Brooks, Grace .....	Marshfield.
Brotton, Rosalie Anne.....	Caldwell.
Brown, Etta May.....	Bremen.
Browning, Elmer Ellsworth.....	Rutland.
Buch, Caroline Mary Ella.....	Massillon.
Buchanan, Mary Lloyd.....	Mingo Junction.
Buchanan, David Lewis.....	Unionport.
Buchanan, Harriet Leach.....	Unionport.
Burrell, George Richard.....	Freeport.
Burritt, Nellie June.....	Athens.
Burrows, Georgia Hazelton.....	Vermilion.
Burson, Flossie M.....	Athens.
Butturff, Jacob Ellwood.....	Sulphur Springs,
Cable, Louise Margaret.....	Denver, Colorado.
Cagg, Miles Herbert.....	Nelsonville.
Cain, Iris .....	Pratt's Fork.
Cameron, Albert F.....	Bourneville.
Cameron, Celestia Fay.....	Napoleon.
Campbell, Luna Anna.....	Belpre.
Campbell, Margaret Jane.....	Toronto.
Campbell, Mary Belle.....	Kimbolton.
Campbell, Perry Clifford.....	Nelsonville.
Carpenter, Esther .....	Albany.
Carpenter, Rosebel Virginia.....	New London.
Carr, Arthur Davis.....	Athens.
Carr, Bernice .....	Fremont.
Carroll, Mauna May.....	Jacksonville.
Carter, Anna Belle.....	Jacksonville.
Cash, Hamilton La Rue.....	Byesville.
Chee, Paul .....	New York, N. Y.
Christman, George Washington.....	Murray.
Christy, Myrtle Mary.....	Circleville.
Christy, Orpha Anise.....	Amanda.
Chute, Berenice Fauney.....	Jacksonville.
Clark, Ethel .....	Little Hocking.
Clark, Grace .....	Little Hocking.
Clark, Lena Florence.....	Rochester.
Clark, Marguerite .....	Circleville.
Clay, Tillie .....	Mendon.
Cleary, Luella Pearl.....	Whigville.
Cline, Edna Blanche Clare.....	Albany.
Cockrell, Clyde .....	Lucasville.
Coe, Sylvia .....	Athens.
Colegrove, Jennie Moore.....	Sayre.

Comstock, Joseph Hooker.....	Athens.
Conn, Amy .....	Washington C. H.
Connor, Margaret Ethel.....	Blatchford.
Connett, Bessie .....	Athens.
Connett, Raymond Wendell.....	Athens.
Cook, Charles Vernon.....	Sand Run.
Cooley, Calla Ernestine.....	Athens.
Cooper, David Miller.....	Athens.
Cooper, Melissa Jane.....	Gallipolis.
Copeland, Charlotte .....	Athens.
Copeland, William Franklin, Jr.....	Athens.
Copeland, Nellie Elizabeth.....	Athens.
Coulter, Lewis Eldon.....	Malta.
Coultrap, Bernice Hughes.....	McArthur.
Coultrap, Don C.....	Athens.
Coultrap, Harry Mansfield.....	McArthur.
Cox, Ellis Van Hise.....	Dayton.
Creamer, George Fulton.....	Businessburg.
Creighton, Omar Clark.....	New Holland.
Crooks, Elsie .....	Baltimore.
Crossen, Constance Zura.....	Athens.
Crout, Boyd Merrill.....	Dresden.
Cuzzens, George Lewis.....	Charleston, W. Va.
Dailey, Bessie Lena.....	Austin.
Dailey, Lloyd Thomas.....	Athens.
Davis, Bertha Angeline.....	Marshfield.
Davis, Cena .....	Greenfield.
Davis, Claudia Lucile.....	Ringgold.
Davis, Laura Anna.....	Grove City.
Davis, Madora .....	Marshfield.
Davis, Margaret .....	Athens.
Davis, Ruth Myers.....	Athens.
Davis, Rachel .....	Shawnee.
Davis, Theora .....	Marshfield.
Davis, Theresa .....	Grove City.
Davis, William Newell.....	Jackson.
De Long, Wahnta Beulah.....	Crooksville.
De Ran, Zoe Catherine.....	Fremont.
Dean, Mary Veronica.....	Brilliant.
Dean, Nelle Emilie.....	Findlay.
Delano, Marie .....	Belpre.
Devitt, Celia Loretta.....	Little Hocking.
Dickerson, Harlan Jewett.....	South Zanesville.
Dieterich, Edward Noble.....	Piketon.
Dillinger, Herbert Franklin.....	Athens.
Dinsmoor, Frankie May.....	Coolville.
Dirlam, Ada Caroline.....	Huntington.
Dirlam, Julietta .....	Huntington.
Dixon, Asher Hooper.....	Beverly.

Dixon, James Floyd.....	Jackson.
Dorsey, Benjamin Harrison.....	Dresden.
Douglas, Malcolm.....	Waverly.
Doyle, Langdon Earl.....	Senecaville.
Dreisbach, Orville Cornelius.....	Findlay.
Drury, Roy .....	Gloster.
Dunlap, Edna Matilda.....	Shelby.
Dye, Sidney Ogier.....	Hamden Junction.
Earhart, Mazie Ada.....	Athens.
Eaton, Mary Jane.....	Circleville.
Edgerton, John Wayne.....	Plantsville.
Elson, Harold Altair.....	Athens.
Elson, Delma Viola.....	Athens.
Elson, June Marie.....	Uhrichsville.
Elson, Winfred Paul.....	Athens.
England, Osie .....	Chillicothe.
Erf, George Arthur.....	Monroeville.
Evans, Amy .....	Portsmouth, R. D. 1.
Evans, Cynthia Beryl.....	Wellston.
Evans, Edith .....	Oak Hill, R. D. No. 2.
Evans, Edith May.....	<b>Shawnee.</b>
Evans, Ella .....	Jackson.
Evans, Jennie Eliza.....	Oak Hill.
Evans, Lena .....	Rousseau.
Evans, Pearl .....	Middleport.
Eyre, Ottis .....	Seaman.
Fast, Gertrude Maude.....	Napoleon.
Fattig, Perry Wilbur.....	West Rushville.
Featherolf, Gorge Alvin.....	Barelvile.
Feisley, Carrie Ora.....	Clarington.
Fenner, Edith Eunice.....	Columbus.
Fenzel, Frank William.....	Athens.
Fenzel, Maude .....	Athens.
Ferguson, Laura Evelyn.....	Shawnee.
Few, Lydia Belle.....	Zanesville.
Finsterwald, Charles Frederick.....	Guysville.
Fleming, Lucy E.....	Amesville.
Forward, Elizabeth Lynn.....	Plantsville.
Foster, Harry Zadoc.....	Athens.
Fri, Olan Euzeda.....	Creola.
Frost, Eva .....	Athens.
Fry, Emmett Josephus.....	Mohawk Village.
Frye, Earl Glenn.....	Chillicothe.
Fulwider, Robert Lester.....	Athens.
Furstenberger, Loren Harley.....	Mowrystown.
Gage, Gladys .....	Lowell.
Games, Otis .....	Frazeysburg.
Garman, Harriet .....	Bainbridge.
Gault, Mabel .....	Ellsworth.

Gibson, Clyde .....	Amesville.
Gibbs, Gladys .....	Athens.
Gibbs, William Edward.....	Sulphur Springs.
Gilbert, Hazel Mary.....	Niles.
Gilson, Genevieve.....	Willoughby.
Ginnan, Mary Ellen.....	Athens.
Glynn, Margaret Anna.....	Wellston.
Goddard, Augusta Maria.....	Amesville.
Goddard, Fred Benoni.....	Cutler.
Gorslene, Bessie Mabel.....	Nelsonville.
Gowdy, John Wilbur.....	Xenia.
Gowdy, Pearl .....	Covington.
Grady, Nannie Edna.....	Chillicothe.
Graham, Miles McKinley.....	Logan.
Graumlich, Salado David.....	Duvall.
Green, Ella .....	Athens.
Greene, Claire .....	Newport.
Gregg, Chandler Clark.....	Pleasant City.
Gregg, Moody Longworth.....	Pleasant City.
Gregory, Norma Phinneattis.....	Elkins, W. Va.
Grimm, Maud .....	Buchtel.
Grogan, Mary .....	Hemlock.
Gross, Carl Lenox.....	Athens.
Gross, Haidee Coral.....	West Unity.
Gullette, Ruby .....	Moore's Hill, Ind.
Guthrie, Alfred Omega.....	Owensboro, Ky.
Guthrie, Clara Edna.....	Alfred.
Guthrie, Rebecca .....	Owensboro, Ky.
Guy, Willard Arthur.....	Athens.
Hadden, Arlene Amelia.....	Painesville.
Haines, Iva Emma.....	Athens.
Haley, Anna .....	Wheelerburg.
Hall, Jesse Charles.....	Gloster.
Hall, William Loring.....	Portland.
Hamilton, Luella .....	Barberton.
Hammond, Ernest .....	Milan.
Hammond, Merle May.....	Shawnee.
Hampton, Roxy May.....	Nelsonville.
Harleman, Edith .....	West Manchester.
Harmount, Mento .....	New Holland.
Harnish, Rachel Elnora.....	Willoughby.
Hatch, Henry Arlow.....	Athens.
Hawk, Helen Marie.....	Athens.
Hawk, Lenna .....	Sargeants.
Hawk, Minnie Pearl.....	Belpre.
Hayes, Clara Genevieve.....	Athens.
Hayes, Emmett .....	Guysville.
Heddleston, Grover Cleveland.....	New Matamoras, R. D. 3.
Heid, Linnie Pauline.....	Hanging Rock.

Heinlein, Earle .....	Hue.
Heller, Vernon Otis.....	Lithopolis.
Hellyer, Ethel McClish.....	Logan.
Henderson, Charles Lee.....	Aitch.
Henderson, Estella May.....	Savannah.
Henderson, Lulu Marion.....	Scio.
Henderson, Olive .....	Scio.
Henderson, Richard Wilson.....	Painesville.
Henke, Heber Hunt.....	Athens.
Henry, Mary Catherine.....	Bainbridge.
Herrold, Daisy Irene.....	Nelsonville.
Herrold, Grace May.....	New Plymouth.
Herrold, Martha Ann.....	Nelsonville.
Herrold, Russell .....	Athens.
Hewitt, Faye Estella.....	Marshfield.
Hickman, Mildred Madeline.....	Nelsonville.
Higgins, Hanna Louise .....	Athens.
Higgins, Leight Monroe.....	Athens.
Higley, Brewster Shott.....	Athens.
Hildebrand, Frederick Byron.....	Cutler.
Hill, Carrie Oakley.....	Lore City.
Hill, Lena .....	Sheridan, Montana.
Hill, William Herbert.....	Canton.
Hilliard, James Culver.....	South Perry.
Hines, Raymond Stanley.....	Ashville.
Hiser, Harley Minos.....	Austin.
Hixon, Emma Jean.....	Millfield.
Hodgens, Helen Myers.....	Toronto.
Hoge, Mary Alma.....	Mount Pleasant.
Hoggard, Goldie Temple.....	Chillicothe.
Holden, Amelia .....	Findlay.
Holden, Myrtle May.....	Wakeman.
Holder, Alice Laura.....	Baltimore.
Holdren, Leonia Verne.....	Rainbow.
Holliday, Flora Dell.....	Piedmont, R D 1.
Hollingshead, Ella W.....	New Matamoras.
Hostetter, William Lewis.....	Cherry Fork.
Horton, Emma Florence.....	Blatchford.
Hotchkiss, Albert Beach.....	Waterville, Conn.
Howe, Mary Blanch.....	Athens.
Howe, Maude .....	Athens.
Hoyt, Carl C.....	Beverly.
Huddleson, Jex .....	Grove City.
Hughes, Jennie .....	Oak Hill.
Hughes, Nannie Porter.....	Chillicothe.
Ingraham, Elizabeth .....	Fairport Harbor.
Jacoby, George William.....	Athens, R. D 2.
James, Clelie .....	Zaleski.
James, Chloe Myrtle.....	Westerville.

James, Margaret Belle.....	Westerville.
Jeffers, William Lee.....	Barnesville.
Jennings, Grace Greenwood.....	Norwich.
Johnson, Aldis Adelbert.....	Farmdale.
Johnson, Clarence Sumner.....	Athens, R D 1.
Johnson, Edna Maude.....	Basil.
Johnson, Frank Leander.....	Cortland.
Johnson, Helen Almarine.....	Nelsonville.
Johnson, May .....	Basil.
Johnson, Pearl May.....	Farmdale.
Johnston, Reed Seth.....	Johnstown.
Jones, Evan Johnson.....	Athens.
Jones, Herman Elmer.....	Trimble, R D 1.
Jones, Irene .....	Clarksburg.
Jones, Jennie Eva.....	Lancaster.
Jones, Minnie Ellen.....	Dayton.
Jones, Rupel Johnson.....	Athens.
Josten, Fred .....	Athens.
Julian, Bertha Louise.....	Circleville.
Kagay, Harry Leon.....	Baltimore.
Kaler, George Rannells.....	Athens.
Kaler, Mary Engle.....	Athens.
Keck, Blanche Ione.....	McArthur.
Kelsey, Laurene Leone.....	Sandusky.
Kennedy, Clare Honora.....	New Holland.
Kent, Ada Marie.....	Bidwell.
Kent, Edna Glenn.....	Bidwell.
Kessler, Laurah Rebekah.....	Massillon.
Kester, Mayme .....	Carroll.
Kidd, Edith May.....	Lorain.
Kinsinger, Grace Eleanor.....	Bellefontaine.
Kirby, Melissa Ellen.....	Dayton.
Klaar, Nellie May.....	Vermilion.
Knight, James Adrian.....	Carroll.
Knowlton, Belle .....	Athens.
Knox, Carrie Priscilla.....	Clarksburg.
Knox, Ethel May.....	Clarksburg.
Koons, Lena .....	Athens.
Kordel, Osa .....	Waverly.
Kratsch, Emma Sophia.....	Massillon.
Kricker, Helen Agnes.....	Portsmouth.
Krotz, Helen Gertrude.....	Defiance.
Krout, Webster Sherburn.....	Bremen.
Kuhn, Edwin Howard.....	Sugar Grove.
Kym, Frank L.....	Somerset.
Laird, Sylvia Florence.....	Shelby.
Landes, Ira Leroy.....	West Salem.
Landsittel, Frederick .....	Amanda.
Lane, Nona .....	Nelsonville.

Langdon, John .....	Ney.
Lash, Mayme Belle.....	Athens.
Law, George .....	New York, N. Y.
Lawrence, Bertha Louise.....	Syracuse, N. Y.
Lawrence, Maria May.....	Vermilion.
LeFavor, Ella .....	Alfred.
LeRoy, Verne Emery.....	Chagrin Falls.
Leake, Belva Inez.....	Lowell.
Leckrone, Maurice S.....	Glenford.
Lee, Estella Clarissa.....	Athens.
Lee, Verna .....	Athens.
Leeper, Clara Belle.....	Lore City.
Lehman, Raymond Deford.....	Columbus.
Leist, Anna May.....	Circleville.
Lever, Henry Work.....	Loveland.
Lewis, Dorothy Elizabeth.....	Sandusky.
Lewis, Mary Adaline.....	Athens.
Lindsay, Madge .....	Bridgeport.
Liston, Eugenia May.....	Woodsfield.
Livingston, Alfred Erwin.....	Athens.
Logan, Arthur .....	Athens.
Logan, William .....	Athens.
Lower, Daisy Florence.....	Circleville.
Lucas, Elisha Edwin.....	Belmont.
Lust, Wilbert Lee.....	Sulphur Springs.
Lutz, George Wayne.....	Rutland.
Lutz, Hilah Edith.....	Rutland.
Lynch, Annabel Catherine.....	Athens.
McBee, Edith .....	Athens.
McBee, Harry Brunker.....	Athens.
McBride, Jessie Enile.....	Middletown
McCampbell, Flora .....	Plain City.
McClellan, Floyd Ellis.....	Bloomville.
McCoy, Ernest Leroy.....	Chillicothe.
McCoy, Mahala .....	Doanville.
McDougal, Taine Gilbert.....	New Lexington.
McEndree, Albert A.....	Canal Winchester.
McFarland, Heber .....	Center Belpre.
McGinnis, Mabel Beatrix.....	Frazeysburg.
McKibben, Josephine .....	Zaleski.
McKinstry, Hazel Leona.....	Athens.
McLean, Nelle Charlotte.....	Athens.
McMahon, Alice Louise.....	Newark.
McNaughton, James Edgar.....	South Webster.
McNeal, Elsie .....	Athens.
McNeal, Margie .....	Athens.
McVay, Francis Halbert.....	Marshfield.
McVey, John Tipton.....	Eastbank, W. Va.
Macklin, Daniel Clifton.....	Tarloton.

Marshall, Sarah Ann.....	Greenfield.
Martin, Jennie .....	Portsmouth.
Mason, Jennie .....	Cambridge, R. D. 5.
Mason, Mabel Rose.....	Sugar Grove.
Mason, Sarah Effie .....	Cambridge, R D 5.
Matheny, Clarence Albert.....	Athens.
Matheny, William Alderman.....	Athens.
Mayes, Harry Welday.....	Steubenville.
Meikle, Olive Blanche.....	Gillespieville.
Meredith, Irwin Cecil.....	Long Bottom.
Merrill, Frederick .....	Cutler.
Merrill, Matie Morton.....	Vermilion.
Merriman, Daisy .....	Gallipolis.
Merriman, Nellie Black.....	Gallipolis.
Merritt, Gladys Alice.....	Columbus.
Merritt, Kathleen Wood.....	Columbus.
Merritt, Lillabridge Cynthian.....	Columbus.
Meyers, Effie Pearl.....	Amanda.
Michaels, Augustus Philip, Jr.....	Chillicothe.
Miesse, Orpha Bliss.....	Lancaster.
Miller, Ada Florence.....	Jackson.
Mills, Lewis Herald.....	Athens.
Mills, Mildred.....	Athens.
Moody, Vittoria .....	Bartlett.
Monroe, Clyde Earl.....	Claysville.
Monroe, Ella Ethel.....	Claysville.
Mooney, Mary Rachel.....	Athens.
Moore, Birdie Mary.....	New Concord.
Moore, Frances Cleveland.....	New Concord.
Moore, Walter .....	Athens.
Morehart, Cleveland .....	Lancaster.
Morgan, Ethel .....	Williamsport.
Morgan, Grace .....	Athens.
Morse, Goldie Anita.....	Albany.
Morgan, Margaret Mildred.....	Athens.
Morgan, Thomas Francis.....	Jackson.
Morgan, Susia Anna.....	Oak Hill.
Morgan, William Thomas.....	Bourneville.
Morris, Kathryn .....	Oak Hill.
Morris, Mamie Jane.....	Magrew.
Mowry, Frank Walker.....	Coshocton.
Muhleman, Lulu E.....	Clarington.
Mullay, Maude .....	Portland, Oregon.
Mulligan, Mary Cecelia.....	Athens.
Murphrey, Harvey Howell.....	Hendrysburg.
Musgrave, Elizabeth.....	Athens.
Musser, Mayme .....	Portsmouth.
Muth, James Bennett.....	Hohman.
Nice, Leonard Blaine.....	Athens.

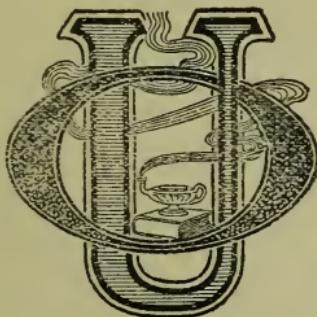
Nungesser, Anna Rosene.....	Beidler.
O'Dell, Madge .....	Little Hocking.
O'Mara, Mary Eugenia.....	Columbus.
Ogan, Louise .....	McArthur.
Orr, William Harvey.....	Jacksontown.
Osborn, Carl Raymond.....	Pataskala.
Pake, Merle .....	Bainbridge.
Palmer, Frank Harlan.....	Glenford.
Parks, George Crawford.....	Hopedale.
Parks, Hazel Belle.....	Glenford.
Parry, Georgia .....	Woodsfield.
Parry, John Rogers.....	Woodsfield.
Parsons, Mahlon .....	Rosseau.
Patterson, Anna Gail.....	Shadyside.
Patterson, Jessie .....	Jackson.
Patterson, Lena Estelle .....	Athens.
Patton, Minnie Maud.....	Belpre.
Pavey, Gerdene Kathryn.....	Leesburg.
Pavey, Noble Trimble.....	Leesburg.
Penney, Anna Laura.....	Beverly.
Person, Everett J.....	Long Bottom, R D 3.
Person, Errett A.....	Long Bottom.
Peters, Bertha Beatrice.....	Robins.
Peterson, Irene .....	London.
Petry, David A.....	West Manchester.
Pfau, Laura .....	Portsmouth.
Pickering, Kenneth Harvey.....	Athens.
Pierce, Kate M.....	Duvall.
Pilcher, Marguerite .....	Sparta, Illinois.
Plank, Kate May.....	Rockbridge.
Plum, Leslie Blaine.....	Duvall.
Poff, Marcia .....	Basil.
Pollock, William Ralph.....	Coraopolis, Pa.
Porter, Gladys D.....	Sharpsburg.
Potts, Carl Grady.....	Amesville.
Potts, Lucile Pearl.....	Amesville.
Power, Catherine .....	Nelsonville.
Power, Eva Inez.....	Nelsonville.
Pray, Ruth .....	Portsmouth.
Preston, Everett McKee.....	Coshocton.
Preston, Fred Dix.....	Athens.
Price, Clyde S.....	Sharpsburg, R. D. 1.
Price, Jennie Lovina.....	Athens.
Price, Riley William.....	Pennsville, R. D. 1.
Pugh, Ira Rose.....	Armstrongs Mills.
Purtill, Eva .....	Grand River.
Putnam, Israel .....	Athens.
Quigley, Mary Ellen.....	Newcomerstown.
Rader, Walter Earl.....	Blacklick.

Raver, Grover .....	Canal Winchester.
Reading, Laura Lorinda.....	Athens.
Redding, Clara .....	Mt. Perry.
Reed, Mary Minerva.....	Wilkesville.
Reeder, Elizabeth Ellen.....	Frazeysburg.
Reeder, Grace .....	Athens.
Rettemier, Anna Marie.....	Buchtel.
Reif, Mae .....	Wheelersburg.
Richeson, John Jacob.....	Lee's Creek.
Rife, Phena Abigail.....	Kyger.
Riley, Lou Livingstone.....	Guysville.
Ring, Ferd Dorsey.....	Mt. Pleasant.
Ring, John Everett.....	Gnadenhutten.
Rittenberry, Mildred May.....	Buchtel.
Robbins, Minor Kenneth.....	Athens.
Robins, Lela Foss.....	Pleasant City.
Robinson, Anna Elizabeth.....	Newark.
Rodgers, Mary Miriam.....	New Lexington.
Roley, Edna .....	Basil.
Roney, Nellie .....	Columbus.
Roush, Helen Elizabeth.....	Athens.
Rowe, Bessie Anne.....	Portsmouth.
Rowles, Ethel Ellen.....	Bremen.
Rupe, Elta Jane.....	Cheshire, R. D. 1.
Russell, John Edgar.....	South Burgettstown, Pa.
Russell, Minnie Amelia.....	Wakeman.
St. Clair, Anna May.....	Akron.
Salser, Esther May.....	Portsmouth.
Sanders, Mary Capitolia.....	Marshfield.
Sauber, Elsie Isabel.....	Defiance.
Sayre, Arthur Allin.....	Athens.
Scheer, Nelle Cora.....	Zaleski.
Schorr, Carolyn .....	Lancaster.
Scoggan, Mary Edith.....	Beverly.
Secoy, Mary Elizabeth.....	Athens.
Selby, Goldie Belle.....	Athens.
Shallenberger, Ethel May.....	Lancaster.
Shannon, Alice Magdalene.....	Marshfield.
Shannon, Ella Veronica.....	Marshfield.
Sharp, Charles Forrest.....	Lucasville.
Sharp, David Benjamin.....	Athens.
Sharp, Muriel .....	Waverly.
Sharp, William Roy.....	Bainbridge, R. D. 2.
Sherwood, Mary Louise.....	Plain City.
Shilliday, Clarence Lee.....	New Milford.
Shilt, Volney Jacob.....	Verona.
Shirkey, Della Miriam.....	Jacksonville.
Shriver, Virginia Dare.....	Clarkson.
Shuter, Edith Marie.....	Jackson.

Simmerman, Anna Edna.....	Northup.
Simmons, Bessie Eva.....	Wellston.
Simms, Mary Eliza.....	Athens.
Simon, Mary Anna.....	Piqua.
Simpson, Pearl .....	Freeport.
Sims, Otto Leroy.....	Basil.
Skinner, Charles .....	Wilkinsburg, Pa.
Skinner, Dorothy Harriet.....	Wilkinsburg, Pa.
Slavens, Egbert Elias.....	Stockdale.
Smith, Arthur Noble.....	Columbus.
Smith, Clara Merel.....	Amesville.
Smith, Murray Franklin.....	McArthur.
Smith, Verle Cleveland.....	Basil.
Snelling, Emma Lurena.....	Glenford.
Snyder, Jessie May.....	Somerset.
Souslin, Icie .....	Junction City.
Spracklen, Myrtle Pearl.....	Kenton.
Sprague, Myrtle Madge.....	Lowell.
Spriggs, Herbert Wendell.....	Oak Hill.
Springer, Emmett Vance.....	Richmondale.
Stage, William Addison.....	Lancaster.
Starbuck, Amy Louise.....	Wilmington.
Starbuck, Myra .....	Wilmington.
Starkey, Edith Belle.....	New Lexington.
Starkey, Mary .....	Gloster.
States, Dora Alice.....	Spencerville
Stauffer, Mabel .....	Sharon Center.
Stewart, Edith Rowena.....	Woodsfield, R D 1.
Stewart, Ulysses Grant.....	Woodsfield, R D 1.
Stine, Oscar Clemen.....	Gloster.
Stitt, Mary Ellen.....	Dresden.
Stockwell, Chlora .....	Lynchburg.
Stonerock, Georgiana .....	Williamsport.
Stonerock, Margaret .....	Williamsport.
Strausbaugh, Elda .....	Chauncey.
Sullivan, Arch Edwin.....	Neel.
Sutton, Amanda .....	Middleport.
Swanson, Hester Sarelda.....	Athens.
Swanson, Mayme Hannah.....	Athens.
Switzer, Milton Voltaire.....	Kenton.
Tatman, George Ralph.....	New Plymouth.
Taylor, Barnett Winning.....	Hendrysburg.
Taylor, Lillie .....	Jackson.
Teaters, Elizabeth Mayes.....	Columbus.
Teele, Edith Blanche.....	Rushville.
Templer, May .....	East Palestine.
Thacker, Ethel Ora.....	Ray.
Thomas, Mary Eliza.....	Lilly Chapel.
Thomas, Walter .....	Mendon.

Thompson, Bert McCune.....	Senecaville.
Thompson, Thomas Mahlon.....	Grove City.
Timmons, Jennie .....	Eagle Mills.
Tootle, Mary Christine.....	Williamsport.
Townsend, Florence .....	Carpenter.
Trainer, Harry Townsend.....	Carpenter.
Treudley, Ruth .....	Athens.
Trinter, Lydia Elizabeth.....	Vermilion.
Tripp, Muriel Elizabeth.....	Holgate.
Trump, Sylvia .....	West Manchester.
Trumper, Mary Jane.....	Mount Sterling.
Turner, George Herschel.....	Allensville.
Turner, Stella .....	Roxabell.
Uhlendorff, Elizabeth Bowman.....	Massillon.
Vale, Eunice Alberta.....	Smithfield.
Valentine, Helen Rachel.....	Murphy.
Van Atta, Pleasy Leonard.....	Crooksville.
Van Dyke, Villa Blanche.....	Athens.
Van Osdle, Carrie.....	North Baltimore.
Vanderford, Lidora .....	Zaleski.
Vanderslice, Marie Llewellyn.....	South New Lyme.
Voegtly, Nell Leona.....	Hannibal.
Vogt, Bessie Mabel.....	Fremont.
Wagoner, Bertha .....	Bartlett.
Walker, Blanche Estella.....	New Matamoras
Wallar, Maude Elizabeth.....	Jackson.
Walls, Callie King.....	Athens.
Walls, Louise King.....	Athens.
Walter, Charles William.....	Lancaster.
Ware, Dell Hooper.....	Waverly.
Ware, Harry Hooper.....	Waverly.
Watkins, Mary Carson.....	Athens.
Watts, Mary Ora.....	Grove City.
Weaver, Tura Frances.....	Doanville.
Weaver, Daisy .....	Gibson.
Webb, Muriel .....	Gnadenhutten.
Weber, John Finley.....	Masterton.
Weed, Judson Albanus.....	Columbus.
Welch, Ethel .....	New Holland.
Welch, Matthew Reed.....	Burgettstown, Pa.
Wells, Isadora .....	Wellston.
White, Clyde .....	New Concord.
White, James Henry.....	Chandlersville, R. D. 41.
White, William S.....	Pomeroy.
Wicks, Floyd Emerson.....	Polk.
Wiley, Nathaniel .....	Kimball, W. Va.
Wilcox, Julia Ida.....	Hudson.
Wilhelm, Elenora .....	Portsmouth.
Williams, Clara Duncan.....	Athens.

Williams, David Burle.....	Syracuse.
Williams, Effie .....	Sharpsburg.
Williams, Gertrude .....	Wellston.
Williams, Jennie .....	Roseville.
Williams, Winifred .....	Athens.
Wilson, Mary Virginia.....	San Luis Potosi, Mex- ico.
Winn, Mabel Elizabeth.....	Rutland.
Winzeler, Alta Evelyn.....	Maumee.
Wisda, Gertrude Mary.....	Ney.
Wolfe, Blanche .....	Athens.
Wolfe, Byron .....	Athens.
Wolfe, Forrest Eugenie.....	Athens.
Wood, Austin Vorhes.....	Athens.
Woodruff, Emma Birdella.....	Athens.
Woodyard, Grace Gifford.....	Sharpsburg.
Woodyard, Mary M.....	Sharpsburg.
Wooley, Bruce D.....	Athens, R. D. 5.
Young, Blanche Etta.....	Jacksonville.
Young, Harry Curtis.....	Millersburg.
Young, Nita .....	Nelsonville, R. D. 4.
Young, Sophronia Evelyn.....	Nelsonville.
Zimmerman, Annie Laurie.....	Wellston.
Zimmerman, Susie May.....	Albany.



**GENERAL SUMMARY OF STUDENTS BY DEPARTMENTS AND CLASSES**

	1906-7	1907-8
Post-Graduates .....	6	6
Class of 1907 .....	22	12
Seniors .....	13	19
Juniors .....	24	38
Sophomores .....	78	91
Freshmen .....	146	188
Irregular and Special Students .....	35	40
Third Preparatory .....	101	118
Second Preparatory .....	109	108
First Preparatory .....	48	47
State Normal College .....	356	344
Electrical Engineering .....	86	80
Civil Engineering .....	26	41
Commercial College .....	157	169
College of Music.....	297	298
Summer School .....	656	678
 Total .....	 2,160	 2,277
Names counted more than once.....	841	891
 Total .....	 1,319	 1,386

**GENERAL SUMMARY OF STUDENTS BY TERMS**

	1904-5	1905-6	1906-7	1907-8
Spring Term .....	387	494	544	536
Summer Term .....	557	650	656	678
Fall Term .....	358	466	491	549
Winter Term .....	345	429	462	538
 Total number of students, counting no name more than once.....	 1,047	 1,272	 1,319	 1,386

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# CALENDAR 1908

JANUARY						JULY					
S	M	T	W	T	F	S	M	T	W	T	F
—	—	—	—	—	—	—	—	—	—	—	—
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19	20	21	22	23	24	25	19	20	21	22	23
26	27	28	29	30	31	—	26	27	28	29	31

# FEBRUARY

FEBRUARY						AUGUST					
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# MARCH

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# APRIL

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# JUNE

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# CALENDAR 1909

JANUARY						JULY					
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# FEBRUARY

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# MARCH

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# APRIL

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# MAY

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# JUNE

JUNE						DECEMBER					
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14	15	16	17	18	19	20	13	14	15	16	17
21	22	23	24	25	26	27	20	21	22	23	24
28	29	30	—	—	—	—	27	28	29	30	—

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Established by Act of the Ohio Legislature February 18, 1804.

Offers unusual advantages to students seeking a broad and liberal education. Some courses lead to **Degrees**; others lead to **Certificates** and **Diplomas**.

Attend an old and a well-established institution which has an enviable record for thoroughness, culture, and prestige.

Colleges, 8; Faculty 53 members; Different students enrolled 1907-08, 1,386; Books in Library, 27,000; FREE TUITION.

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## The Ohio University Summer School

June 22, 1908 to July 31, 1908

FIGURES SUGGEST; WORK TELLS. The attendance of students at the Summer School of Ohio University for eight years is herewith shown:

YEAR	MEN	WOMEN	TOTAL
1900.....	36.....	29.....	65
1901.....	45.....	57.....	102
1902.....	110.....	125.....	238
1903.....	159.....	264.....	423
1904.....	191.....	363.....	557
1905.....	220.....	430.....	650
1906.....	207.....	449.....	656
1907.....	236.....	442.....	678

**Advantages for Term of 1908** — Faculty of 38 members; provision for about 130 recitations daily; training school, five rooms with six grades of primary pupils, in session every day; elementary science; manual training; fee of \$3.00 pays all scheduled instruction selected by the student; a wide range of private instruction, including foreign languages and vocal and instrumental music, at most reasonable cost; special opportunities for teachers, and those preparing for a TEACHER'S CERTIFICATE; expenses of every kind most reasonable.

**State Normal College** of Ohio University opened Tuesday, September 9, 1902. A Training School to illustrate the best method of teaching is in successful operation. The work of the College has gained warm commendation from leading educators all over the country.

**Courses of Study:** (1) A Normal Preparatory Course for Graduates of Common Schools; (2) A Two-Year Course in Elementary Education for Graduates of First-Grade High Schools; (3) A Four-Year Course in Secondary Education for Graduates of First-Grade High Schools; (4) A Four-Year Course in Supervision for Principals and Superintendents; (5) A One-Year Course for College Graduates; and (6) A Two-Year Course in the Kindergarten School.

Nos. (1), (2), and (6) lead to a diploma; (3), (4), and (5) to a Diploma with the degree of Bachelor of Pedagogy.

For Catalog, other printed matter, and special information, address

**ALSTON ELLIS, President Ohio University, ATHENS, OHIO.**

## UNIVERSITY CALENDAR, 1898.

---

Monday, January 7	Registration of Students
Tuesday, January 8	Opening of Winter Term
Sunday, February 10	Close of Winter Term
Monday, March 10	Registration of Students
Tuesday, March 11	Opening of Spring Term
Sunday, June 10	Beginning of Commencement Week
Tuesday, June 12	Commencement Day
Monday, June 13	Closing of Summer Term
Tuesday, July 1	Open of Summer Term
Monday, September 7	Registration of Students
Tuesday, September 8	Opening of Fall Term
Friday, December 13	Close of Fall Term

---

## UNIVERSITY CALENDAR, 1899.

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Monday, January 6	Registration of Students
Tuesday, January 7	Opening of Winter Term
Sunday, March 10	Close of Winter Term
Monday, April 10	Registration of Students
Tuesday, April 11	Opening of Spring Term
Sunday, June 10	Beginning of Commencement Week
Tuesday, June 11	Commencement Day
Monday, June 12	Closing of Summer Term
Tuesday, July 1	Open of Summer Term
Monday, September 7	Registration of Students
Tuesday, September 8	Opening of Fall Term
Friday, December 13	Close of Fall Term



New Series

Vol VI, No. 3

# Ohio University Bulletin



CATALOGUE NUMBER  
1909-1910

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ATHENS, OHIO, APRIL, 1909

Published by the University and Issued Quarterly

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ENTERED AT THE POST-OFFICE AT ATHENS, OHIO, AS SECOND-CLASS MATTER

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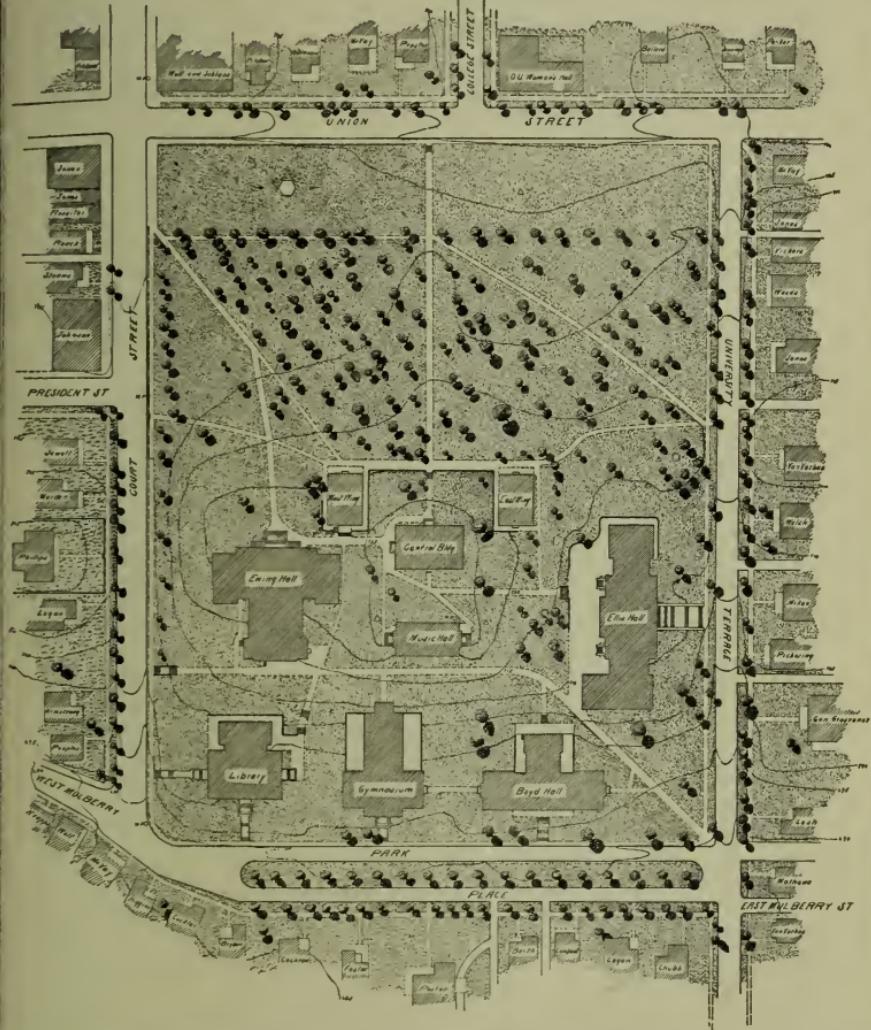
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TOPOGRAPHIC  
MAP

OF  
OHIO UNIVERSITY CAMPUS.  
DEPARTMENT OF CIVIL ENGINEERING

SCALE 1 INCH - 240 FT. ROBERT E NYE

JUNE 24 1808





CATALOGUE  
OF  
OHIO UNIVERSITY  
ATHENS, OHIO

1908--1909

AND  
CIRCULAR OF INFORMATION

FOR

1909--1910

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PUBLISHED BY THE UNIVERSITY

1909  
AUGUSTA,  
OHIO

*"Religion, morality, and knowledge, being necessary to good government and the happiness of mankind, schools and the means of education shall forever be encouraged."*

Article 3, Ordinance of 1787.

*"Under this statute (Ordinance of 1787) the Ohio Company, organized in Boston the year before as the final outcome of Rufus Putnam's proposed colony of officers, bought from the government five or six millions of acres, and entered on the first great movement of emigration west of the Ohio. The report creating the colony provided for public schools, for religious institutions, and for a university."*

THOMAS W. HIGGINSON.

*"We are accustomed to praise the lawgivers of antiquity, we help to perpetuate the fame of Solon and Lycurgus; but I doubt whether one single law of any lawgiver, ancient or modern, has produced effects of more distinct, marked, and lasting character than the Ordinance of 1787. \* \* \* It was a movement of great wisdom and foresight, and one which has been attended with highly beneficial results and permanent consequences. \* \* \* It set forth and declared it to be a high and binding duty of government itself to support schools and advance the means of education."*

DANIEL WEBSTER.

*"That there shall be an University instituted and established in the town of Athens \* \* \* for the instruction of youth in all the various branches of the liberal arts and sciences, for the promotion of good education, virtue, religion, and morality, and for conferring all the degrees and literary honors granted in similar institutions."*

Section 1, Territorial Act, January 9, 1802.

*"Whereas, Institutions for the liberal education of youth, are essential to the progress of arts and sciences, important to morality, virtue, and religion, friendly to the peace, order, and prosperity of society, and honorable to the government that encourages and patronizes them, etc."*

Preamble, Act of Ohio Legislature Establishing the Ohio University, at Athens, February 18, 1804.

OHIO UNIVERSITY  
AND  
THE STATE NORMAL COLLEGE

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CHARLES G. MATTHEWS, PH. M.,  
*Librarian.*

LENORA BELLE BISHOP, PH. B.,  
*Assistant Librarian.*

LILLIE A. FARIS,  
*Critic Teacher, First-Year Grade.*

AMY M. WEIHR, PH. M., B. PED.,  
*Critic Teacher, Second-Year Grade.*

OLIVE A. WILSON.\*  
ELSIE S. GREATHEAD,  
*Critic Teacher, Third-Year Grade.*

WINIFRED L. WILLIAMS,  
*Critic Teacher, Fourth-Year Grade.*

MARGARET A. DAVIS,  
*Critic Teacher, Fifth-Year and Sixth-Year Grades.*

LAURA G. SMITH,  
*Critic Teacher, Seventh-Year Grade.*

#### FACULTY COMMITTEES, 1909-1910

REGISTRATION, CLASSIFICATION, AND DEGREES.

Dunkle, Williams, C. M. Copeland, Treudley, and Atkinson.

\* Resigned.

## OHIO UNIVERSITY

### RULES AND REGULATIONS.

*Atkinson, Evans, Bentley, Coultrap, and Mills.*

### COURSES OF STUDY.

*Evans, Williams, Mercer, Gard, and C. M. Copeland.*

### SUMMER SCHOOL.

*Williams, W. F. Copeland, Mills, Coultrap, and Dunkle.*

### LIBRARY.

*Chubb, Treudley, Elson, Chrisman, and Bentley.*

### STUDENT WELFARE.

*Treudley, Stahl, Atkinson, Elson, and T. N. Hoover.*

### STUDENT ORGANIZATIONS.

*William Hoover, Addicott, Evans, Chrisman, and Dunkle.*

### PUBLIC EXERCISES.

*McVey, Chubb, Coultrap, Waite, and M. E. Jones.*

### ATHLETICS—GYMNASIUM.

*Wilson, J. C. Jones, Mercer, Stanley, and T. N. Hoover.*

### SPECIAL CASES OF DISCIPLINE.

*Bentley, Atkinson, Addicott, Treudley, and Claassen.*

### TRAINING SCHOOL.

*Waite, Williams, McLeod, Gard, and Brison.*

### WOMEN'S DORMITORIES.

*Stanley, Brown, Dean, Robinson, and Cuckler.*

### RECOMMENDATIONS FOR EMPLOYMENT.

*Williams, Chubb, Waite, Coultrap, and Mills.*

### ATHETIC, LECTURE, AND ENTERTAINMENT FUND.

*Addicott, Atkinson, Chubb, Williams, and C. M. Copeland.*

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\* The President of the University has membership in each committee.

# GENERAL INFORMATION

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## OHIO UNIVERSITY

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### ORIGIN OF THE UNIVERSITY

The existence of the Ohio University was provided for as early as 1787, in the purchase of lands made from the Government of the United States by the Ohio Company of Associates. By the contract between these two parties, two townships of land were set apart for the purpose of a University, and placed under the care of the Legislature of the State. The University was organized under an act of the Legislature passed February 18, 1804. Its Trustees are appointed by State authority, and the Governor of the State is, *ex-officio*, a member of the Board. Recent legislation confirms the position of the University as one of the educational wards of the State of Ohio. State support gives the institution an annual revenue of about \$90,000. Other sources of income swell the amount above named to over \$105,000. Special appropriations for buildings and equipment during the last seven years ending with February, 1909, have amounted to \$320,500.

### LOCATION

Athens, the seat of the University, is situated in the southeastern part of the State. It is easily accessible from the east and west by the Baltimore & Ohio Southwestern railroad and its branches; from the southern, central, and northern portions of the State by the Hocking Valley and the Toledo and Ohio Central railways. By these routes it is about one hundred and sixty miles from Cincinnati and seventy-five miles southeast from Columbus. The sanitary arrangements of the

town are unsurpassed. Its principal streets are paved; it is provided with waterworks and sewerage; its Board of Health is vigorous and efficient. There are few towns in the country that are more desirable as a place of temporary or permanent residence than Athens.

The lover of natural scenery cannot fail to be charmed with its picturesque surroundings. The winding valley of the Hockhocking and the wooded hills beyond present a series of striking views from the University, while the wide prospects, as seen at certain seasons from some of the neighboring summits, are seldom surpassed in quiet and varied beauty.

### BUILDINGS

The University buildings are eleven in number. Nine of them are grouped on the campus.

**The "Central Building"** was erected in 1817, and is the oldest college edifice northwest of the Ohio river. This venerable structure is dear to many by strong and tender associations, and to many more by means of eminent men who have here studied and taught. It has been modernized and is admirably adapted to its uses for college work.

**"Ewing Hall,"** named in honor of Hon. Thomas Ewing, of the Class of 1815, is a handsome building in which may be found the assembly room, art rooms, various class-rooms, and the administration offices.

**"Ellis Hall,"** the new building occupied by the departments of the State Normal College, now six years in use, is the only building in Ohio, erected at state expense, given up wholly to the training of teachers for service in the public schools. It is one of the largest, best and most costly buildings on the grounds.

**The "Carnegie Library,"** now fully equipped and in running order, is situated in the southwest corner of the campus. It presents a fine appearance and suggests the highly practical service it is rendering the educational work of the University.

The buildings known as the **"East Wing"** and the **"West Wing"** are nearly as old as the Central Building. They afford class-room and laboratory facilities for certain depart-

ments of instruction as well as comfortable quarters for a number of students.

"**The Old Chapel**," so called, stands apart from the other buildings. Some of the work of the College of Music is carried on in this building. Here the Athenian and Philomathean literary societies have commodious and well-furnished rooms. On the first floor is an assembly room often used when narrower quarters than those found in the assembly room of Ewing Hall are desired.

"**Women's Hall**" is located nearly opposite the north entrance of the campus. It is a fine, commodious brick structure, heated by steam, where convenient and pleasant rooms are occupied by a Dean, a Matron, and thirty women students. The dining-room and kitchen are clean and well furnished.

"**Boyd Hall**," the new dormitory for young women, is located near Ellis Hall and the Carnegie Library. It has a frontage of 150 feet on Park Place and a depth of 100 feet.

The building is heated by steam and lighted by electricity. Each bed-room is well-lighted and has ample closet space. In all, accommodations are provided for eighty-eight students and, in addition to these, rooms are provided for the maids and servants.

In addition to the wide stairway in the central portion, there is also a stairway in each end of the building, thus providing every possible means of escape in case of fire.

"**The New Gymnasium**" is now nearing completion and will be ready for use before the Fall term of 1909. It is a handsome, commodious structure containing a swimming pool, lockers, offices, and all the appliances found in a complete gymnasium.

"**The Central Heating Plant**," constructed at a cost of \$32,000, is now completed, and in good running order. Ultimately this building will be made as large again and with it will be connected the University Electric Light Plant now occupying basement quarters in Ewing Hall and the Old Chapel. It is intended that every building on the University campus shall get its heat from this Central Plant.

## DEPARTMENTS AND COLLEGES OF THE OHIO UNIVERSITY

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Students are given opportunity to select work from the wide range of studies offered in the different departments and colleges. In any of the regular four-year courses, the student has choice of 1,000 hours of elective work. In selecting it, his choice is not limited to the studies of any department or college but he is privileged to choose where his inclination prompts or his future needs direct, always with such professional guidance as will help him so to correlate his work as to give wholesome unity to it. The following statements show, in concise form, the range of educational work now provided for in eight divisions of University work.

### I. COLLEGE OF LIBERAL ARTS:

1. Course leading to the degree of Bachelor of Arts (A. B.).
2. Course leading to the degree of Bachelor of Philosophy (Ph. B.).
3. Course leading to the degree of Bachelor of Science (B. S.).

Each of these is a four-year course, based upon graduation from a high school of the first grade, or equivalent scholarship, and requires 2,500 college hours—1,500 required and 1,000 elective—for its completion.

### II. THE STATE NORMAL COLLEGE:

1. Normal Preparatory Course—*three years.*
2. Course in Elementary Education—*two years.*
3. Course in Kindergarten—*two years.*
4. Course in Secondary Education—*four years.*
5. Courses in Supervision—*four years.*
6. Professional Course for Graduates from reputable Colleges of Liberal Arts—*one year.*

7. Special Course in Drawing—*Sufficient time to earn the special Certificate given.*

8. Special course in Public-School Music—*Sufficient time to earn the Special Certificate given.*

Admission to any of these courses, save No. 1, is based upon graduation from a high school of the first grade or equivalent scholarship.

### **III. The School of Commerce:**

1. A Preparatory Course—*two years.*

2. A Collegiate Course—*two years.*

3. Special Courses in Accounting, Typewriting, and Stenography.

Graduates of high schools having a four-year course will be admitted to the Collegiate Course without conditions. All the work scheduled is very thorough and practical.

### **IV. College of Music.**

1. Course in Piano and Organ.

2. Course in Vocal Culture.

3. Course in Violin.

4. Course in Harmony and Composition.

### **V. The Department of Physics and Electrical Engineering:**

As a part of the scheduled work of this department is a Short Course—*two years*—in Electrical Engineering. The student seeking admission to this course, if not a high-school graduate, must have completed one term of Rhetoric; two terms of Literature, American or English; three terms of Algebra; and Plane and Solid Geometry. These may be taken in the State Preparatory School of the Ohio University. The course referred to leads to a diploma. It may all be taken as an elective course in connection with the Scientific Course as outlined in the catalogue, thus not only giving the graduate the degree of Bachelor of Science, but also establishing a special foundation for his life work as well.

### **VI. Department of Mathematics and Civil Engineering:**

The Work of this Department is of wide range and special excellence. It includes a Short Course in Civil Engineering as follows:

The following subjects are given in the course: Mechanical Drawing, Descriptive Geometry, Shades and Shadows, Perspective, Stereotomy, Leveling, Plane Surveying, Elementary Mechanics, Topographic Surveying, Railroad and Highway Engineering, and Engineering Construction.

The work in English, mathematics, sciences, and languages is done in the regular University classes.

This Short Course is designed to prepare students for practical wage-earning work and for advanced standing in some technical school of high grade.

### VII. The State Preparatory School:

The presence of a Preparatory School in connection with the State Normal School and the College of Liberal Arts is a necessity under existing educational conditions. Persons who can secure full high-school training at home are urged to get it before attempting to gain admission to any of the departments or colleges of the University.

Primarily, the Courses of Study are planned with two ends in view: (1) To give the student the best possible instruction for the time he may be able to remain in college and (2) to enable him to make special preparation for regular work in one of the diploma or degree courses of the University.

### DEGREES

The Bachelor's degree (A. B., Ph. B., B. S., or B. Ped.) is conferred upon students who have completed any one of the four courses laid down in another part of this catalogue. The fee for diploma is five dollars.

The Master's degree (A. M., Ph. M., M. S., or M. Ped.) will be conferred upon graduates of this or any other college who give evidence to the Faculty that they possess such literary and scientific attainment as will make them worthy recipients of it, and have, in addition, furnished a thesis after one year's work in residence. The fee for this degree is ten dollars.

No degree will be conferred until all dues are paid.

### ELECTIVES AND SPECIAL WORK

Each student in a regular course will be required to take at least fifteen class exercises per week, and no student will

be permitted to take more than eighteen, unless some of the studies are *review* work, except on permission of the Faculty. This permission will be given only on the written request of the student. Students in any one of the courses can select subjects in any one of the others below the class to which they are assigned, but not above, except on approval of the Faculty, who must be convinced that they have had sufficient preliminary training to pursue the elected study with advantage. As will be seen, about half the subjects after the Freshman year are elective. But in addition to these a large number of others are offered for the benefit of those persons who wish to specialize still further along particular lines. It needs to be noted, however, that they are not offered unconditionally. Regard will be had to the time at the disposal of the teachers and to the number of students taking any particular elective, as well as to their preliminary training. In all cases where a student's knowledge of English is defective, he must pursue this branch until his deficiencies are made up.

During the past few years a number of students, both undergraduate and post-graduate, have pursued advanced studies on special lines. With the recent increase in the number of Faculty a large number of students can be accommodated and in a larger number of branches.

No work *in absentia* will be allowed at Ohio University. Not more than two hundred hours' work, in addition to that of the three regular terms, may be taken by any student in the course of one year, and that only in the Summer, between Commencement and the opening of the next Fall Term.

### METHODS OF INSTRUCTION

Instruction is given both by recitation and lecture. The constant aim in both is to awaken interest in study, to aid in the acquisition of knowledge, and to develop the power of thought and communication.

Some subjects can be better treated in lectures than others. The knowledge the student has of a subject is likewise a factor that is taken into account. The lecture method is generally better adapted to advanced students than to those who are still in the elements. After the elementary principles have

been thoroughly mastered from the text-book, supplemented with such elucidations as seem to be called for, the student is generally prepared to profit by the lectures of the teacher, and to grasp the wider outlook that is the result of a knowledge of a subject rather than of the contents of any single book, or even of several books. In the observational studies the learner is, as far as possible, brought face to face with the objects themselves under consideration. The classes in Botany, Geology, and Elementary Science make excursions into the surrounding country for the purpose of collecting specimens and deriving scientific knowledge from original sources. The classes in Surveying and Mensuration have practice in the use of instruments in field work.

#### LIBRARY AND READING ROOM

In the study of Literature and History the most important aid, in addition to a good teacher, is a large stock of well-selected books. In this respect the Ohio University is liberally provided. The University and Society libraries contain about 30,000 volumes, a large part of which are of recent purchase. In addition to the books of a general character, the private libraries of the professors, which contain works of a more special character to the number of several thousand, are also accessible, under certain limitations, to the students. The reading-room furnishes access to the latest contributions on all topics under current discussion. Some of the largest works are useful not only for reference, but also for purposes of original investigation.

It is the special aim of the managers of the Library to acquire as rapidly as issued all the leading works bearing on Pedagogy, whether in German, French, or English. A large number of works on this topic and the history of education is already on hand. The Library is so managed as to be accessible every day. The reading room, in which are placed most of the reference books, and all the periodicals, is accessible at all times. The reading of well-chosen books not only tells the student what others have thought in every department of knowledge, but likewise stimulates him to think for himself. A good library is of itself a university.

### APPARATUS AND CABINET

The departments of Mathematics, Astronomy, Psychology, Physics, Chemistry, Biology, Electrical Engineering, and Civil Engineering are well-equipped with valuable apparatus, which is put at the personal disposal of the student. The subjects are illustrated upon the lecture-table, but it is insisted upon that a student really enters upon possession of his knowledge only when he has acquired skill in carrying on laboratory experiments by himself under the supervision of the professor.

The large Biological Laboratory has been filled with appliances suitable for pursuing extensive courses of study in the various departments of Biology, the selections being made with a view to furnishing each student with such apparatus, reagents, etc., as are necessary for independent work. To this end more than seventy microscopes have been provided and many duplicates of other appliances are at hand. Excellent histological apparatus is in use for freezing and sectioning, and the laboratory is also well-equipped for embryological and bacteriological work.

The cabinet affords important aid in the study of Mineralogy and Geology.

In the Department of Physics, besides balances, specific gravity apparatus, pulleys, centrifugal devices, pumps, barometers, manometers, pendulums, and a great deal of other apparatus for the demonstration of the principles and laws of mechanics, etc., there are: a set of mounted tuning forks for bows, a complete set of electromagnetic forks of various pitches, sonometers, siren, pipes, etc., for work in sound; lenses, prisms, mirrors, polariscopes, spectroscopes, spectrometer, diffraction gratings, projecting lanterns, cameras, etc., for light; radiometers, thermometers, calorimeters, and other apparatus for heat; and a very good equipment for dynamos, motors, calibrating and measuring instruments, resistances, galvanometers, condensors, magnetometers, induction coils, batteries, Wheatstone bridges, various forms of reversing switches and keys, electrometers, standard cells, electro-dynamometers, and a great deal of other apparatus suited to the general demonstration of the subjects of electricity and magnetism, and to the requirements of the electrical course out-

lined elsewhere in this catalogue. In addition to this there is ample equipment for individual laboratory work in both the beginning and advanced courses.

The Chemical Department occupies the entire second floor of the Central Building. The lecture room has been enlarged and remodeled and will now accommodate about sixty students. It is supplied with a stereopticon and the necessary conveniences for using it in connection with lectures. The rear seats are elevated so that all have a favorable opportunity to see the lecture experiments. The laboratories have been refitted with new and modern desks on which gas and water are supplied to each student. There are three laboratories—a general laboratory with lockers for forty-eight students, a qualitative laboratory with thirty-two lockers, and a quantitative laboratory in which sixteen students can be accommodated. Each student is supplied with a locker containing all apparatus necessary for his use; and he is required to pay only for that which is broken. In connection with the qualitative laboratory is a balance-room supplied with analytical balances.

In the Department of Paidology and Psychology a laboratory has been established. Rooms set apart for this department have been equipped with furniture and apparatus such as are needed for experimental work in these sciences. This equipment has been carefully made with the end in view of having a laboratory well arranged for carrying on both elementary and advanced work.

The Department of Mathematics and Civil Engineering is well equipped with the best modern appliances for carrying on the wide range of work offered. Fine sets of surveying instruments of the most approved kind are used by the students in field work under the direction of the Professor of Civil Engineering.

The Department of Elementary Science—Normal College—occupies most desirable quarters on the third floor of Ellis Hall. The Department has a large equipment of well-selected apparatus and illustrative material costing several thousand dollars.

The Art Departments—University and Normal—occupy large, well-lighted suites of rooms with equipments of an up-to-date character. Facilities for carrying on the special work of these departments are of the very best.

### MAPS, CHARTS, ETC.

Excellent sets of maps, chiefly those of Kiepert and others, published by Rand, McNally & Co., intended to illustrate the physical features and political changes of the historical countries of Europe and the East, have lately been added to the equipment of the institution. These, in addition to those before on hand, afford an important and well-nigh indispensable aid to the study of history and geography. The outfit in this regard is believed to be unusually complete.

Wall and port-folio pictures, and hundreds of lantern slides, form an important part of the equipment of many of the departments of the University.

### ADMISSION AND DISCIPLINE

Entering the University will be considered a pledge to obey its rules and regulations. These are few and simple, appealing to the students' self-respect and sense of personal responsibility. Persons of known bad character or of lazy habits are not wanted, and will not be retained unless they show a decided desire to reform. Students from other colleges must present certificates of honorable dismissal.

Ohio University recognizes and gives full credit to the classification of high schools made by the State Commissioner of Common Schools. Graduates from high schools of the *first* grade can enter the Freshman class of the University or the State Normal College *without examination*, ample opportunity being given them to make up required work in which they may not have reached full college standing. Graduates of high schools of the *second* grade can enter the fourth year of some one of the courses of the State Preparatory School.

Graduates from a first-grade high school, *English Course*, can enter the Freshman year of the course leading to the degree of Bachelor of Philosophy, with the understanding

that they must take four years' work in Latin with college credit therefor.

In requirements for admission to the Normal College, and to the Scientific Course in the College of Liberal Arts, modern languages may be substituted for Latin. Graduates from the English Course of a first-grade high school have the same privilege of substitution in regard to Latin as in the course leading to the Ph. B. degree.

In all cases where students seek to enter any of the colleges or departments of the University, without examination, a "Certificate of Application for Admission," stating the subjects satisfactorily passed in the high-school course and signed by the local superintendent of schools or principal of the high school, must be presented. Certificates, enabling prospective students to comply with the conditions herein stated, will be sent to all applying for them.

Candidates for advanced standing are, in all cases, examined to ascertain their thoroughness and proficiency; but certificates from other institutions will be accepted for the amount of work done in the different departments.

In exceptional cases students are admitted to classes for a week on trial, without examination, provided the professors in charge are reasonably certain that they can maintain their standing.

Women are admitted to all departments of the University on the same terms and under the same conditions as those prescribed for men.

A record is made of the daily work of each student. When the standing of the student, as shown by this record and examination, falls below an average grade of 70 per cent., he must review the study. A record is also kept of each student's deportment. A low standing in either record is followed by private admonition, and notice is given to the parent or guardian.

Whenever the conduct of a student is such as to indicate that he is unfit to be a member of the University, either because of immorality or because of habitual neglect of his college studies, he will be requested to withdraw. But in the

latter case, his parents will first be notified, and if he is not withdrawn within a reasonable time, he will be dismissed.

All worthy young men and women can secure a college education if they very much desire it. If preparation for admission to a college class can not be made at home it can be secured in the Preparatory School connected with the University and the Normal College. Students with limited supply of money can work and study, taking longer time for the completion of a course, and in the end, and with honor, attain graduate rank.

### SCHOLASTIC REQUIREMENTS FOR ADMISSION TO THE FRESHMAN CLASS

A graduate of a first-class high school, accredited by the Ohio University, will be admitted to the Freshman class without examination. It is found, however, that many graduates of four-year high schools are deficient in English composition, laboratory physics, and German, consequently they are conditioned in these subjects. It is hoped that with the continued improvement in our high schools this necessity of conditioning will soon cease.

To aid those who are not graduates either of a first-class high school or of the University preparatory school the following synopsis of requirements is given.

*A unit is a course of five periods weekly throughout the academic year of the preparatory school.*

To enter the Freshman class of Ohio University fifteen units are required.

The Carnegie Foundation for the Advancement of Teaching has informed the Ohio University that its standard of admission to the classical, philosophical, and scientific courses is now rated by the Carnegie Foundation as *fifteen units*. This rating places the standard of admission to the Ohio University among the very highest of the country.

#### Synopsis of Requirements

Group A—Required of all courses:

English, three units.

Mathematics, two and one-third units.

Group A—Required of all courses :—Concluded.

Physics, one unit.

United States History and Civics, one unit.

General History, one unit.

Botany, two-thirds unit.

Physical Geography, one-third unit.

Physiology, one-third unit.

Drawing, one-third unit.

Group B—Required in addition to Group A for the Classical course:

Latin, four units.

Greek, one unit.

Group C—Required in addition to Group A for the Philosophical course:

Latin, four units.

German or French, one unit.

Group D—Required in addition to Group A for the Scientific course:

Latin, four units.

German or French, one unit.

Or, French and German may be substituted for all or a part of Latin.

*For full details concerning the subjects required for admission consult the courses of study of the State Preparatory School in another part of the catalogue.*

### FEES

There is no charge for tuition in any of the regular pre-preparatory or collegiate classes, but all students pay a registration fee of six dollars a term, three terms a year. For the summer term of six weeks the registration fee is three dollars. From the regular term fee of six dollars one dollar is turned over to the control of the Faculty Committee on "Athletic, Lecture, and Entertainment Fund." It is the purpose of this Committee to administer the fund so that the students may have the opportunity to hear distinguished lecturers, scholars, musicians; also to provide students with free admission to a number of baseball and football games.

All fees named are for *each* of the three terms of the college-year. For full statements regarding the work of the College of Music and the Commercial College, and the fees charged, see special announcements elsewhere. Instruction in Drawing and Vocal Music, in classes, is free to all students whose registration fees have been paid. The fee in Painting is ten dollars each term.

The regular fee in Chemistry is one dollar per term, and in Electrical Engineering and Civil Engineering fifty cents per term, to cover the cost of materials used. To this should be added a small charge for breakage—to careful students usually not more than a few cents. After the second term in Chemistry the regular fee is two dollars per term.

*All fees must be paid within the first thirty days of the term. No exception can be made to this regulation.* The registration fee must be paid when the student enters.

## EXPENSES

Board and lodging can be obtained within a reasonable distance of the University at \$3.50 per week. By forming clubs, students may board at from \$2.25 to \$2.50 per week. Those students whose circumstances require it, are allowed to board themselves, by which means their expenses may be still further reduced; but this plan is not recommended, because likely to be prejudicial to health and good scholarship.

All young women who are not residents of Athens are required to reside in Boyd Hall or Women's Hall, unless the rooms are all occupied. Only in special cases will exceptions be made. This regulation has been adopted with a view solely to the best interests of the young women themselves, and not with any purpose to restrict them in the enjoyment of every legitimate privilege. It is the aim of the management to make these quarters as attractive and pleasant as possible, and at the same time to keep the cost as low as is consistent with the accommodations provided. The cost of room and board is from \$3.25 to \$3.50 per week, according to the size and location of the room. Everything is furnished except soap and towels. About one hundred and twenty young women can be received.

As persons frequently wish to know, as nearly as may be, the cost of a student for one year at the Ohio University, the following estimates are here given.

Lowest	Highest
Registration fee..... \$18 00	Registration fee..... \$18 00
Board in clubs, average 85 50	Board in private family 114 00
Room ..... 28 50	Room ..... 47 00
Books ..... 15 00	Books ..... 15 00
Laundry ..... 20 00	Laundry ..... 30 00
Incidentals ..... 10 00	Incidentals ..... 15 00
<hr/> \$177 00	<hr/> \$239 00

This estimate is for three terms or thirty-eight weeks, and includes all necessary expenses. The additional charges for students who take electives in Chemistry and Electricity and for those receiving special instruction in Music, Painting, Elocution, and certain Commercial branches are elsewhere noted.

### SELF-HELP

It is the glory of Ohio University that she does not shut any of her doors against the poor boy or girl. The munificence of the State of Ohio furnishes her sons and daughters with the educational facilities that once were deemed the prerogatives of the children of the rich.

Four young ladies recently formed a "Self-Boarding Club" and demonstrated that it is possible to have wholesome food, in ample measure, at a cost of one dollar per week for each person.

At the present time there are at least sixty Ohio University boys making their boarding expenses, many of them are making more. There are twenty-five boys earning their meals by acting as waiters in restaurants and other boarding places. Ten boys earn their board by running boarding clubs. Eight boys are earning from \$6.00 to \$15.00 per month apiece by acting as janitor for different club rooms and churches in town. Still there are numerous others earning from a few cents a week up to a good salary by doing all kinds of work, such as reporting for the papers, collecting laundry, acting as agents for different firms, clerking in different stores, and

doing odd jobs for the town people. These are a few of the ways an energetic student can help himself through school. These positions are changing hands two or three times a year, that is, the most of them are, and if one is on the lookout he can soon get a good place.

Said a student recently: "I have been at Ohio University for two years and to me this is the place for the poor boy. It is a place where one can get the benefit of large appropriations made by the State for running the school; where almost all we spend is for our living expenses, which are as cheap, if not cheaper, than any place else; where the classes are comparatively small on account of the large faculty; where the location is very healthful, landscape beautiful, and the water is as pure as can be found anywhere."

### THE ALUMNI LOAN FUND

Three thousand dollars has already been subscribed by the alumni and friends of Ohio University to the Alumni Loan Fund. The purpose of this fund is to loan money to deserving students who have proved their worth in character and scholarship. No aid is given before the student has completed 1000 hours of college credit. The fund is administered by a committee consisting of President J. D. Brown, of the Bank of Athens, the Dean of the College of Liberal Arts, and the Secretary of the Faculty.

### RELIGIOUS INFLUENCE

The University is not sectarian, and no effort is made to inculcate the doctrines of any particular creed or denomination; but the utmost care is taken to promote sound and healthy religious sentiments. Students are encouraged to attend with regularity the churches of their choice. The various churches of Athens, both Protestant and Catholic, are cordially thrown open to the students.

The founder of the Ohio University believed that "religion morality, and knowledge are necessary to good government and the happiness of mankind;" and it has been the steady purpose of those to whom has been entrusted the duty of carrying out his plans to insist on the intimate relation exist-

ing between the three. The good man, the good citizen is not he who is best informed, but he who is constantly inspired with the thought that his knowledge should be used for the good of his fellow-men. Knowledge without virtue is a curse and not a blessing. It is the constant policy of both Trustees and Faculty to inspire students with the love of knowledge, and with desire to practice religion and morality. Accordingly only those persons are invited to profit by the means of instruction here placed within their reach, who are willing to conform their conduct as far as possible to the teachings of the Bible. We expect students who have spent some time with us to depart not only wiser, but also better, than they came. If such is not the case it will not be for want of care on the part of the Faculty.

#### **YOUNG PEOPLE'S CHRISTIAN ASSOCIATIONS**

Both the Y. M. C. A. and the Y. W. C. A. have flourishing organizations connected with the Ohio University, and a large proportion of the students are members of one or the other. These hold meetings weekly or oftener, provide lectures on religious or Biblical topics, and take an active interest in promoting the spiritual, moral, and intellectual welfare of the entire student body. The management of the University is in hearty sympathy with these organizations and does all that is possible to aid them in their work.

The Y. W. C. A. has a rest room on the first floor of the Central Building, and has an assembly room on the second floor of the West Wing.

The Y. M. C. A. has a basement room, with seating capacity for two hundred people, in the well-lighted Carnegie Library.

All these rooms are well furnished, presenting a home-like and inviting appearance.

#### **LITERARY SOCIETIES**

There are two literary societies in the University, the Athenian and the Philomathean. They occupy well-equipped halls in the former chapel building. The members have opportunity to exercise themselves in Declamation, Composition, and Oratory, and to become familiar with the modes of con-

ducting business in deliberative assemblies. Debating clubs are also formed from time to time by those students who desire to have more extended practice in the public discussion of important questions.

The first annual contest in oratory, between the two literary societies, was held in the Spring term of 1901. Each succeeding Spring term of the college-year has brought a contest of similar nature. Up to 1907, when Mr. J. D. Brown donated \$100 for the prizes, the prizes were as follows: First prize, \$30; second prize, \$20.

**THE "BROWN PRIZE IN ORATORY"**—Mr. James D. Brown, a public-spirited citizen of Athens, who has always shown a deep interest in the welfare of the University and a special interest in the oratorical contests, has made provision for prizes to be awarded to the three oratorical contestants winning highest grades as follows:—First prize, \$50.00; Second prize, \$30.00; Third prize, \$20.00. This generous action has stimulated increased interest, among students, in the work of the literary societies.

The results of the different contests are shown herewith:

YEAR.	FIRST PRIZE.
1901.....	May S. Conner, Philomathean.
1902.....	James P. Wood, Philomathean.
1903.....	Albert J. Jones, Philomathean.
1904.....	Clarence Matheny, Athenian.
1905.....	Harley E. Baker, Athenian.
1906.....	Fred Shaw, Athenian.
1907.....	Malcolm Douglas, Philomathean.
1908.....	Ora C. Lively, Athenian.

YEAR.	SECOND PRIZE.
1901.....	Lissa Williamson, Philomathean.
1902.....	Adam G. Elder, Athenian.
1903.....	Victor Alvan Ketcham, Athenian.
1904.....	Josephine Caldwell, Philomathean.
1905.....	Floyd S. Crooks, Athenian.
1906.....	Malcolm Douglas, Philomathean.
1907.....	Lewis E. Coulter, Athenian.
1908.....	J. P. Alford, Philomathean.

YEAR.	THIRD PRIZE.
1907.....	G. C. Morehart, Athenian.
1908.....	A. S. Northup, Athenian.

### Intercollegiate Debating

For the year 1909 the Miami University and Ohio University have formed a dual league for the purpose of debating. On the evening of April 30 the affirmative team of Ohio University will meet the negative team of Miami University at Athens, while the affirmative team of Miami University will debate with the negative team of Ohio University at Oxford. The question for discussion is: Resolved, That the initiative and referendum method of enacting legislation should be adopted in the State of Ohio.

### THE EMERSON PRIZE POEM FUND

The late W. D. Emerson, of the class of 1833, bequeathed to the Trustees of Ohio University the sum of one thousand dollars, the interest on which is to be awarded every second year to the student or graduate of the institution who shall write the best original poem. The awards have been as follows:

YEAR.	NAMES.
1893.....	Miss Carrie Schwefel.
1895.....	Miss Esther Burns and Mr. John H. Atkinson.
1897.....	Miss Virginia M. Houston.
1899.....	Miss Virginia M. Houston, Mr. John H. Atkinson, and Miss Willa C. MacLane.
1901.....	Miss Willa C. MacLane.
1905.....	Miss Winnifred Richmond.
1907.....	Mr. Harold Edgar Cherrington.
1909.....?	

Persons distinguished in the literary walks of the country have served as judges. Among these may be named: Miss Annie Fields, Mr. Maurice Thompson, Mr. E. C. Stedman, Mrs. Margaret E. Sangster, Mr. W. D. Howells, Mr. Clinton Scollard, Mrs. Ella Wheeler Wilcox, Prof. George E. Wood-

berry, Prof. W. H. Venable, Prof. George P. Baker, Prof. Henry Van Dyke, and Mr. Hamilton W. Mabie.

For the information of future contestants, and others interested, the conditions of the competition for the Emerson Prize are herewith given:

Amount, about \$100. Date of award not later than the opening of the Winter term, 1911.

The competitors must be either graduates or students in actual attendance at the University.

The poems must be in the hands of the President of Ohio University before the opening of the Winter term, 1911.

The prize will be awarded upon the merits of the production, not its length.

Anyone having, in any contest, been awarded first prize, shall not again be eligible to contest.

The judges shall be three disinterested persons appointed by the President of Ohio University and the Professor of English Literature *ibidem*, who shall independently of each other pass upon the productions submitted to them.

In the preparation of the MSS. the following regulations are to be observed:

Use the typewriter.

Use paper eight and one-half by eleven inches.

Write only on one side.

Send in three typewritten copies.

Mark the MSS. with some pseudonym or character, and send this in a sealed envelope, with your name and address, to the President of the University. This envelope will not be opened until the award of the judges has been made.

#### FACILITIES FOR PHYSICAL INSTRUCTION

THE NEW GYMNASIUM—It is hoped that the magnificent new Gymnasium will greatly increase the interest in physical culture. It is nearing completion and when finished will afford excellent opportunities for the development of the physical nature. Two instructors have charge of the training, a lady for the young women, and a man for the young men.

The use of the baths and the gymnasium is free to students. A deposit fee of *one dollar* is required of each stu-

dent as a pledge for the proper care of his locker and key. This fee will be returned to the student, when leaving college, if the key is returned and the locker left in good condition. In the conduct of the gymnasium, the aim is not so much the development of a few gymnastic experts as the provision for wholesome exercise for the many. For this purpose regular instruction in light gymnastics is given for both ladies and gentlemen.

**ATHLETIC FIELD**—The athletic field is a level tract of ten acres, owned by the University, and situated a few minutes' walk southward from the campus. The field has been equipped especially for baseball and football.

**SUPERVISION OF ATHLETIC SPORTS**—The general supervision of athletic sports is vested in a Faculty Committee.

The Advisory Board consists of the officers of the Athletic Association. These boards, under certain regulations, have charge of all financial affairs of the Athletic Association and the arrangement of all intercollegiate games.

The Faculty Committee, composed of five members, has charge of all matters involving the relation of athletic sports to the University; for example, the eligibility of players proposed for any University team and the investigation of charges of misconduct on the part of players. The policy of the committee is to foster the spirit of honor and gentlemanliness in athletics, to suppress evil tendencies, and to see that play shall not encroach too much upon the claims of work.

**REQUIREMENTS AND CREDITS**—All students, from the first Preparatory year to the Sophomore year inclusive, regularly classified for scholastic work, are required to take at least two periods of gymnastic work each week, from October 1st to May 1st, unless excused by a physician's certificate or by vote of the Faculty Committee on Athletics. Credit is given to students of collegiate rank on the basis of credit for laboratory work, namely, three periods of exercise for one hour of credit, the maximum credit not to exceed ten hours per term.

# COLLEGE OF LIBERAL ARTS

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## COURSES OF STUDY

In the following scheme, the figures indicate the number of exercises per week. It is believed that the four courses given below are equal in educational value, and all require 2,500 hours of class-room work for their completion. The required work in each of the three first courses is about 1,500 hours. Each student is expected to select the remaining 1,000 from the electives offered in the various departments of the University. The courses in Electrical and Civil Engineering offer no elective work.

### REQUIRED SUBJECTS FOR THE DEGREE OF BACHELOR OF ARTS

#### Freshman Year

FALL TERM—Greek, 4; Latin, 4; Algebra, 4; Political Economy, 2; Tennyson, 3.

WINTER TERM—Greek, 4; Latin, 4; Plane Trigonometry, 4; Political Economy, 2; Invertebrate Zoology, 2.

SPRING TERM—Greek, 4; Latin, 4; Invertebrate Zoology, 4.

#### Sophomore Year

FALL TERM—Greek, 4; Chemistry, 4; European History, 3; College Rhetoric, 3.

WINTER TERM—Greek, 4; Physiology, 4; Chemistry, 4.

SPRING TERM—Greek, 4; Physiology, 4; European History, 3.

#### Junior Year

FALL TERM—History of English Literature, 4; Psychology, 4.

WINTER TERM—Psychology, 4; Astronomy, 4.

SPRING TERM—Nineteenth Century Prose, 4.

**Senior Year**

FALL TERM—Geology, 4; Logic, 4.

WINTER TERM—Thesis, 5.

Three terms of Sophomore Latin, 4 hours per week, or three terms of Junior Greek, 3 hours per week, are required of all candidates for the degree of A. B.

**REQUIRED SUBJECTS FOR THE DEGREE OF  
BACHELOR OF PHILOSOPHY**

**Freshman Year**

FALL TERM—Latin, 4; German, 4; Algebra, 4; Political Economy, 2; Tennyson, 3.

WINTER TERM—Latin, 4; German, 4; Plane Trigonometry, 4; Political Economy, 2; Invertebrate Zoology, 2.

SPRING TERM—Latin, 4; German, 4; Invertebrate Zoology, 4.

**Sophomore Year**

FALL TERM—French 4; Chemistry 4; European History 3; College Rhetoric, 3.

WINTER TERM—French, 4; Chemistry, 4; Physiology, 4;

SPRING TERM—French, 4; Physiology, 4; European History, 3.

**Junior Year**

FALL TERM—History of English Literature, 4; Psychology, 4; Ethics, 3.

WINTER TERM—Psychology, 4; Sociology, 3; Astronomy, 4.

SPRING TERM—Nineteenth Century Prose, 4.

**Senior Year**

FALL TERM—Logic, 4; Geology, 4; Philosophy, 3.

WINTER TERM—Philosophy, 3; Thesis, 5.

SPRING TERM—Philosophy, 3.

**REQUIRED SUBJECTS FOR THE DEGREE OF  
BACHELOR OF SCIENCE**

**Freshman Year**

FALL TERM—Chemistry, 4; German, 4; Algebra, 4; Political Economy, 2; Tennyson, 3.

WINTER TERM—German, 4; Plane Trigonometry, 4; Political Economy, 2; Chemistry, 4; Invertebrate Zoology, 2.

SPRING TERM—German, 4; Inveterbrate Zoology, 4; Spherical Trigonometry, 4.

### Sophomore Year

FALL TERM—French, 4; Analytical Geometry, 4; European History, 3; College Rhetoric, 3.

WINTER TERM—French, 4; Physiology, 4.

SPRING TERM—French, 4; Physiology, 4; European History, 3.

### Junior Year

FALL TERM—Physics or Mechanics, 4; History of English Literature, 4; Psychology, 4.

WINTER TERM—Physics, 4; Psychology, 4; Astronomy, 4.

SPRING TERM—Physics, 4.

### Senior Year

FALL TERM—Geology, 4; Logic, 4.

WINTER TERM—Thesis, 5.



DETAILED STATEMENT  
OF THE  
DEPARTMENTS OF  
INSTRUCTION

COLLEGIATE DEPARTMENT

RHETORIC AND ENGLISH LITERATURE  
PROFESSOR CHUBB.

The aim of the English Department is two-fold, to train the power of expressing thought, and to cultivate an appreciation of literature. In the classes in Rhetoric, the main stress is placed upon the actual work in composition done by the student. In the study of literature the endeavor is to quicken the artistic and æsthetic sense.

The Library is the laboratory of the English Department. In the study of an author different students are assigned different works for reading. Each student then reports, sometimes in an address, sometimes in an essay, upon the results of his reading.

*When studying literature emphasis will also be placed upon the practice of composition, and in the classes in Rhetoric much attention will be given to the study of Literature.*

**The Amount of College English Required for Graduation**

For the B. S. degree, 150 hours' credit.

For the A. B. degree or Ph. B. degree, 198 hours' credit.

COLLEGE COURSES  
Fall Term

1. TENNYSON—A study of the Idyls of the King, In Memoriam, The Princess, and some of the shorter poems. Three hours. (Required.)

2. SHAKESPEARE—Julius Cæsar, Macbeth, Hamlet, Othello, These plays will be studied in class. In addition four comedies will be assigned for cursory reading. One lecture a week will be given. Four hours. (Sophomore elective.)

3. COLLEGE RHETORIC—In this work the stress is placed upon paragraph-writing and editorials. Three hours. (Required for all degrees, Sophomore.)

4. HISTORY OF ENGLISH LITERATURE—A text is studied and each member makes a special study of a topic assigned. Four hours. (Junior required.)

Before taking this course, students are required to have read the following English masterpieces: Shakespeare's Hamlet, Macbeth, As You Like It, and Othello; Milton's Paradise Lost, Book I., Lycidas, L'Allegro, and Il Penseroso; Bunyan's Pilgrim's Progress; DeFoe's Robinson Crusoe; Swift's Gulliver's Travels; Pope's Rape of the Lock; Goldsmith's Vicar of Wakefield; Burns's Cotter's Saturday Night, The Two Dogs, and Tam O'Shanter; Shelley's Cloud, Skylark, and Ode to the West Wind; Keats's St. Agnes, Grecian Urn, and Nightingale; Browning's Pippa Passes; Tennyson's In Memoriam, and The Princess, and at least one of the novels of each of the following: Scott, George Eliot, Dickens, Thackeray, and Stevenson.

5. THE ENGLISH BIBLE—This course is offered by several professors. It is open to all. One hour. Given each term.

#### Winter Term

6. EMERSON—The prose of Emerson is studied, also Chubb's "English Words." Three hours. (Freshman elective.)

7. SHAKESPEARE—A study of the English Historical Plays in chronological order, King John, Richard II, Henry IV, Henry V, Henry VI, Richard III, and Henry VIII. Four hours. (Open to all who have taken the first term in Shakespeare.)

8. PUBLIC SPEAKING AND ARGUMENTATION—This course is to give a training in public speaking, special stress being placed upon argumentation. It is not intended to be a course in formal logic, but a study of the principles of argumenta-

tion as used in every-day life. Each student will appear at least once during the term in a public debate given in the University Auditorium. Three hours. (Open to all who have taken Course 3.)

9. BROWNING—A study of his shorter poems. Three hours. (Senior elective.)

### Spring Term

10. BYRON, KEATS AND SHELLEY—Three hours. (Freshman elective.)

11. CHAUCER. Three hours. (Sophomore elective.)

12. NINETEENTH CENTURY PROSE LITERATURE—Carlyle, Arnold, and Stevenson are studied in class. Four hours. (Junior required.)

13. THE GREEK DRAMA IN ENGLISH—This course is for those who have no knowledge of the Greek drama in the original. Several of the plays of Aeschylus, Sophocles, and Euripides will be read. The course is open to those having taken the Shakespeare courses. It will alternate with the course in Chaucer. (Elective.) Three hours.

## GREEK

PROFESSOR DUNKLE.

It is the aim of this Department to enable students to read the authors commonly read in colleges and to make them acquainted as far as possible with the literature and life of the ancient Greeks. In teaching the language, especially that of Homer, attention is drawn to those words that are etymologically related to other languages, particularly Latin, German, and English. Especial prominence is given, as the student progresses, to the following points: First, form; second, vocabulary; third, relation to cognate languages; fourth, literature and history. The ear is regarded as equally important with the eye in the interpretation of words. When possible, some entire work of an author is read, as it is believed that a more lasting and more satisfactory impression will thus be made on the mind of the student than by the use of selections only. It is a well-established principle in the study of teaching of the ancient languages that they should

be made, as far as possible, the basis of a study of antique life. The Greek language embodies the experience of the most remarkable people of antiquity,—a people whose achievements in literature, in the arts, and in government have been, and doubtless will continue to be, inexhaustible sources of profitable instruction. It is here claimed that the study of the Greek language, together with all that should properly be taken in connection therewith, will contribute the most important elements of a liberal education.

One year of preparatory Greek is required of all students who take the classical course. A detailed statement of this work is given elsewhere. The following courses in collegiate Greek are offered for 1909-10:

Fall Term—Xenophon's *Anabasis*, Books II-IV. and Greek Prose, Freshman, 4 hours.

Herodotus, Sophomore, 4 hours.

Demosthenes *de Corona*, Junior, 3 hours.

Winter Term—Homer's *Iliad* and Greek Prose, Freshman, 4 hours.

Lysias's Select Orations, Sophomore, 4 hours.

Euripides, the *Medea* or the *Iphigenia in Tauris*, Junior, 3 hours.

Spring Term—Homer's *Iliad* and Greek Prose, Freshman, 4 hours.

Plato's *Apology* and *Krito*, Sophomore, 4 hours.

Sophocles, the *Antigone* or the *Oedipus Tyrannus*, Junior, 3 hours.

The Greek of the Freshman and Sophomore years is required of all candidates for the degree of A. B.; that of the Junior year is prescribed for those who do not elect Sophomore Latin.

More important, however, than any quantity of text perfunctorily read is a knowledge of the language and a true conception of Greek life and the artistic ideals of the Greeks. The college library is well supplied with works of reference to which every student has access and which he is urged to

exploit to the fullest extent. But there are certain indispensable books which he must have at his elbow if he desires to make satisfactory progress and is not content merely to get the lesson for the day. These are a standard Greek Grammar; Goodwin's Moods and Tenses; Liddell and Scott's Lexicon; Peck's Classical Dictionary; a Classical Atlas. Some of these manuals are just as useful for the study of Latin as for Greek.

Students who wish to pursue Greek beyond the prescribed undergraduate course can be accommodated with three exercises per week for three terms, the subject to be studied or the authors to be read to be selected by the professor after consultation with the candidates. In addition to subjects exclusively Greek, one term in Greek history and one term in Comparative Philology may be taken.

#### LATIN DEPARTMENT

DAFYDD J. EVANS, *Professor*

M. ELLA MOORE, *Assistant.*

Admission to the Freshman class is, without condition, given to those who finish the course in the State Preparatory School and to those who bring from accredited High Schools certificates covering the same course. This course is Caesar, 4 books; Cicero, 6 orations; Vergil's Aeneid, first 6 books; weekly exercises in Latin composition.

The work of the Freshman year is required for the degrees of A. B. and Ph. B., and consists of De Senectute and De Amicitia, Livy, and Horace's Odes, with Latin writing weekly. *Four hours per week through the year.*

The work of the Sophomore year is required for the degree of A. B., but Greek may be substituted for it. For 1909 and 1910 the course will be the Letters and Satires of Horace, Tacitus' Agricola and Germania, and Juvenal's Satires. *Four hours per week through the year.*

*Elective Latin: For the year 1909-1910.*

Roman Oratory; Fall Term, Cicero's De Oratore, *three hours per week.* Winter Term, Quintillian, Book X, *three hours per week.* Spring Term, Roman Drama, Plautus' Capitiva and Trinummus. *Two hours per week.*

In all the course it is the endeavor to impress upon the minds of students that Roman literature and the Latin language reflect the genius of a moral, practical, and mighty people, who, more than any other nation, have left their impress on the world in law and government; and that "Rome is the center of our studies and the goal of our thoughts; the place to which all paths lead, and from which all paths start again."

The college library is well supplied with books of reference to which students have access. Indispensable, however, are the following, which students are required to procure: Latin Grammar, Lexicons—Latin-English, and English-Latin, Gow's Classical Companion, and a Classical Atlas.

## MATHEMATICS AND CIVIL ENGINEERING

PROFESSOR HOOVER

PROFESSOR ADDICOTT

### Mathematics

In teaching the pure Mathematics, especial attention is directed to the value of the study as a means of training the logical faculties. Constant stress is laid upon the steps of reasoning which underlie the various processes; and it is insisted that the principal business of the college student of Mathematics is to apprehend these clearly.

FRESHMAN ALGEBRA—The continuation of Fisher and Schwatt's *Higher Algebra* used in the preparatory courses and starting with harmonical progression. In addition, the chapters on the binomial theorem, logarithms, permutations and combinations, variables and limits, the parts of Chapter XXXIII. on infinite series which contribute to the determination of the condition of convergency of the expansion of a binomial with any rational exponent, of the exponential and logarithmic series of Chapter XXXVIII., and of recurring series in Chapter XXXVII.; also the parts of Chapter XXXV., embracing the theorem of undetermined coefficients and its application to, at least, the expansion of rational fractions into series, partial fractions, and to the finding "the general term"; recurring series, methods of differences, interpola-

tion, Chapters XXXIX. and XL. on determinants and the theory of equations, all illustrated by the solution of many original exercises. Given in the Fall Term, Freshman year, and repeated in the immediately following Winter Term.

**PLANE TRIGONOMETRY**—There will be used in the Winter Term Bauer and Brooke's *Plane Trigonometry*. Hussey's mathematical tables will be used. Special emphasis will be put upon the analytical theory, and all parts of the work illustrated by large practice in the application of principles. In calculation the methods of the professional computer will be used.

**Spherical Trigonometry**—Chauvenet's excellent and standard text is used. About all the text for which the student is, at this stage of his mathematical study, prepared, is taken. Special pains is taken in computation.

### Spring Term—Freshman Year

**ANALYTICAL GEOMETRY**—Smith and Gage's Introduction to Analytical Geometry is taken in the Fall Term, special effort being put on the original exercises. This branch is of great importance to engineering students. It is, besides, of most valuable disciplinary importance to any under-graduate.

**DIFFERENTIAL CALCULUS**—This will be given in the Winter Term of the Sophomore year. The first nine chapters of Osgood's text will be used.

**INTEGRAL CALCULUS**—This is a continuation of the work of the previous term in Osgood's text, and will be given in the Spring Term of the Sophomore year. The method of limits is the basis of the theory. Extensive drill in integration is given the student that he may acquire skill in this refined and highly useful instrument of investigation.

**ANALYTICAL MECHANICS**—Bowser's text, applying every previous mathematical course of the student, is taken in the Fall Term of the Junior year, and affords the best chance of show of ability of the mathematics he has so far had. About three-fourths of this text is taken, most of which relates to Statics and Dynamics.

**COLLEGE ASTRONOMY**—Young's *General Astronomy* is used, most emphasis being placed upon the parts of a more math-

ematical character. As largely as possible, the student is made acquainted with the methods of the professional astronomer. Given in the Winter Term, Junior year.

**ELECTIVES**—The following are among the electives in recent texts by the best American and British writers: Advanced Theory of Equations, including Advanced Determinants; Analytic Geometry of Three Dimensions; Differential Equations; Advanced Statics and Dynamics; Elliptic Functions; Spherical Harmonics; Least Squares; Mathematical Optics, and other mathematical Physics, with Theoretical Astronomy.

### CIVIL ENGINEERING

Work in Civil Engineering was planned under action taken by the University Trustees in 1904. This course is designed to give students a working knowledge of the various subjects offered.

**LIMIT OF COURSE**—The course covers a period of two years. In that time such subjects are considered as will prove most beneficial in active work. Draughting-room and field practice make up a large part of the course.

**EQUIPMENT**—The Department makes use of seven rooms, in the building known as the East Wing. The draughting-rooms have fifty large tables, for drawing and mapping, and cabinets for drawing-boards, paper, instruments, etc. The instrument-room contains two Gurley 8-inch mining transits, two Ulmer 11-inch transits, a Buff and Berger 11-inch transit, a Keuffel & Esser 11-inch trancit, three Gurley 20-inch Y-levels an Ulmer 18-inch Y-level, an Ulmer 14-inch Dumpy level, a Keuffel & Esser 20-inch Y-level a Gurley Plane-Table, a Gurley compass and numerous other instruments essential to field work, such as tapes, leveling rods, ranging poles, hand-levels, etc. The cement-testing laboratory is equipped with the most modern and improved apparatus. It contains a Fairbanks improved testing machine, the Vicat, Gilmore's needles, molds, sieves, etc. New instruments and apparatus will be added as necessity requires, and every effort made to keep the department up-to-date in every particular.

**REFERENCE WORKS**—The leading periodicals and magazines relating to Civil Engineering are in the department library

and many others are in the Carnegie Library, all of which are accessible to the students at all times. For list of magazines, see Electrical Department.

**REQUIREMENTS—*English.*** Preparatory Rhetoric and two terms of Literature. Mathematics: Algebra, through Ratio, Proportion and Progression. Geometry: Plane and Solid, including Spherical. Freehand Drawing: Three terms' work. Physics: Elementary Physics completed, with note book showing at least forty experiments. Graduates of first grade high schools will be able in most cases to enter the first year of the course without a condition.

### COURSE OF STUDY—CIVIL ENGINEERING

#### First Year

**FALL TERM**—College Algebra, 4; English, 3; Descriptive Geometry, 3; Mechanical Drawing, 2; Direct Currents, 4.

**WINTER TERM**—Plane Trigonometry, 4; English, 3; Descriptive Geometry, 3; Mechanical Drawing, 2; Electrical Distribution, 4.

**SPRING TERM**—Surveying and Leveling, 4; Field Work, 2; Mechanical Drawing, 2; Shades, Shadows, and Perspectives, 3; Elementary Mechanics, 4; Electricity, 2.

Those who desire may substitute a year's work in Chemistry or a Modern Language for the work in Electricity.

#### Second Year

**FALL TERM**—Railroad Engineering, 4; Field Work, 2; Civil Engineering, 4; Analytical Geometry, 4; Cement Laboratory, 1; Typewriting.

**WINTER TERM**—Civil Engineering, 4; Calculus, 4; Stereotomy, 3; Drawing and Mapping, 2; Instruments and their Adjustments, 1; Commercial Law, 3.

**SPRING TERM**—Civil Engineering, 4; Integral Calculus, 4; Topographic Surveying, 2; Field Work, 3; Details of Construction, 2; Drawing, 2.

#### Explanatory Statement

The course in Civil Engineering is designed to give the student a thorough and practical training in the various sub-

jects offered; and to give field and draughting-room practice of such a nature as will prepare him for active work.

The work in Mechanical Drawing continues throughout the Freshman year and embraces twenty plates. Much attention is given to lettering. Anthony's *Mechanical Drawing* and Reinhardt's *Lettering* serve as guides in this work. The work in Descriptive Geometry continues throughout the Freshman year. In the Fall and Winter terms it consists of recitations and problems relating to the right line, curved line, planes, tangents, and normals; to cylindrical, conical, and warped surfaces, and to their intersections. About fifteen original problems are required. Shades, Shadows, and Perspective are taken up during the Spring term. Church's *Descriptive Geometry* is the text used.

Merriman's *Elements of Mechanics* is taken up during the Spring term. The work in the text-book is supplemented by additional problems.

Leveling and Surveying, of the Spring term, consists of four hours per week of recitations and two afternoons per week of field work, embracing the following: Leveling; Chain, Compass, and Transit Surveying; and the use of the Plane Table. The student is required to keep his field notes in proper form, to plat all surveys, and to make profiles of the level lines run. Conventional methods are used in all work. Hodgman's *Surveying* is the text used.

The work in Railroad Engineering is taken up in the Fall term of the second year. This consists of four hours per week of recitations and two afternoons per week of field and draughting-room work. A preliminary survey for a railroad is made and the topography taken. A contour map is drawn and a location projected. The text used is Searles's *Field Engineering*.

In Civil Engineering and Engineering Construction Fiebeger's *Short Course* will be the text-book used in the discussion of the various subjects offered.

In Stereotomy, the work of French and Ives is used and enough class work is given to obtain a working knowledge of the subject. A number of original problems and drawings are required.

The work in details of construction, as given in the Spring term, consists of two recitations per week and working drawings, with blue prints, of a wood and a steel truss. Howe's *Design of Simple Roof Trusses in Wood and Steel* is the text used.

In the Spring term the work in Topographic Surveying is taken up and embraces the following: The accurate measurements of a base line, and triangulating a given section. The topography is taken by means of the stadia and hand level. From the survey a map is made and contour lines are drawn. Conventional signs are used to represent the different structures and objects that appear upon the map.

The topographic map of the campus, in the front of the catalogue, was part of the regular work of the class of 1908.

The work in Mathematics, Sciences, and English is done in the regular University classes.

Students of the Engineering Department wishing to take advanced standing in other institutions can do so by taking the required amount of mathematics, language, English, etc., in the regular classes of the University.

Students at Ohio University can take up and complete, within two years, such engineering and scholastic studies as will give them admission, with full credit, to the Junior class of the Case School of Applied Science at Cleveland, Ohio.

Students in the Scientific Course of the University can, if they so desire, elect work in this Department.

Students completing the course are given a certificate showing the character of the work done. Students are urged to remain and complete the Scientific Course, which can usually be done in two more years, by completing the required work of the course and making up any preparatory work that had not been taken.

### PHILOSOPHY, ETHICS, AND SOCIOLOGY

PROFESSOR TREUDLEY

The purpose of the various courses offered in the accompanying schedule of work is not only to acquaint students with the general lines of thought, but to aid them to acquire

power to reflect upon the problems of life and conduct. If there be sufficient demand, special studies may be offered kindred and supplementary to those which are announced. It is the purpose of the department to make this work practical not only in so far as the individual's own thinking is concerned, but also as regards the bearings of these themes upon public and private life.

### COURSES OF STUDY

#### Fall Term

1. ETHICS—Three hours per week. Required of all Junior students in the course leading to the degree of Bachelor of Philosophy, and of Normal-College students in the Sophomore year, and elective for all others of equal standing. The purpose of this course is to set forth the general principles of conduct with their application to life and character.

2. LOGIC—Four hours per week. Senior required.

3. HISTORY OF PHILOSOPHY—Three hours per week. Required of all students in the courses leading to the degrees of Bachelor of Philosophy and Bachelor of Pedagogy and elective for Juniors and Seniors in other courses. The work of this term will embrace a study of Greek philosophy and its bearing upon subsequent thought.

4. STUDIES OF ANCIENT AND MEDIAEVAL CLASSICS—Two hours per week. Elective. Fall Term, Job and Selections from Greek Tragedy. Winter Term, The Ethics of Aristotle. Spring Term, Dante's Divine Comedy.

These courses are offered to students whose maturity and general reading would qualify them for the enjoyment of such works of art. They are intended to constitute a sort of supplement to studies in philosophy and ethics or as an introduction to the same. They are also designed for students who would like to obtain some general insight into the great masterpieces of a world of thought and experience which, although long since passed away, dealt with questions of universal and perennial interest. They are subject to change and will be conducted by means of lectures and readings, and will

be associated with insights into social conditions of which these selections are the chiefest expression.

### Winter Term

1. **SOCIOLOGY**—Three hours per week. Required of all students in the course leading to the degree of Bachelor of Philosophy in the Junior year, and of all Normal-College students in the Sophomore year, and elective for all others of equal standing.

2. **HISTORY OF PHILOSOPHY**—Three hours per week. Required of all students in the course leading to the degree of Bachelor of Philosophy and elective for all other students of Junior and Senior standing. Particular study will be made of Mediaeval Philosophy and the philosophy of the Seventeenth century.

3. **ETHICS**—Three hours per week. Elective for Juniors and Seniors and students having had first term Ethics. This course is designed to supplement the work offered during the Fall term by extending it so as to include a further study of the more fundamental questions affecting the individual and social life.

4. **SOCIAL SIGNIFICANCE OF THE TEACHINGS OF JESUS**—Three hours per week. Elective. Designed to meet the wants of a growing number of students interested in the religious aspects of social problems. Besides the direct study of New Testament teachings upon social questions, extensive readings will be required of the works of such men as Harnack, Fairbairn, Speer, Shailer Matthews, Hyde, Peabody, etc.

### Spring Term

1. **HISTORY OF PHILOSOPHY**—Three hours per week. Required of all students in the course leading to the degree of Bachelor of Philosophy and elective for all Juniors and Seniors in other courses. Special study will be made of Modern Philosophy.

2. **SOCIOLOGY**—Three hours per week. Elective for Juniors and Seniors and students having had the first term in Sociology. The purpose of this course is to supplement the re-

quired course in Sociology by an examination of social conditions as found in modern life.

3. PROBLEMS IN PHILOSOPHY—Three hours a week. This course is elective and is designed for students of whom but one term in Philosophy is required, and for students of matured powers who would like to gain some insight into this field of inquiry. It is recommended to students in the Philosophical Course also as a desirable preparation for the study of the History of Philosophy. The organization of the class will depend upon the demand.

4. EVIDENCES OF CHRISTIANITY—Elective. Two hours a week. There are in college a number of students of ability and maturity and of advanced collegiate standing who are interested in matters pertaining to religion to which such a study would be desirable. As a basis of work Fisher's "Grounds of Theistic and Christian Belief" will be used. The organization of the class will depend upon the demand.

## HISTORY, ECONOMICS, AND POLITICAL SCIENCE

PROFESSOR ELSON

### **Modern European History—Required**

This department is devoted to the study of the rise of absolutism on the ruins of feudalism, and the later development of constitutional governments in Europe.

Chief among the topics in this study are, The Decline of the Holy Roman Empire and of Spain, the Reformation of the Sixteenth Century, and the Religious Wars, Development of Parliamentary Government in England, the French Revolution and its momentous consequences, and the Unification of Italy and of Germany.

The text for class work is Schwill's "Political History of Modern Europe." In the library will be found for consultation Fyffe's "Modern Europe," Andrews's "Development of Modern Europe," Thier's "French Revolution," Guizot's "History of France," Cambridge's "Modern History," Robinson's "Readings in European History," all the standard histories of England, Henderson's "History of Germany," and many other works.

**United States History**

The importance of the study of United States History in preparing citizens to exercise the duties incumbent upon them as members of the body politic is growing more apparent every year. Therefore the aim of the teaching in this department is so to read the history of the past as to throw light upon present civic and economic problems, and thus aid in their solution. The disciplinary value of the subjects included in this department is kept constantly in view. History is regarded as a record of the social, economic, moral, and political life of the people. Environment, former ideas, and changing industrial conditions are all considered as important factors in determining the course of events. The work of our great leaders in thought and action is studied carefully in connection with the history of the people. Students are encouraged to investigate the civil and economic questions of the present day with minds as free as possible from partisan prejudice and preconceived opinions.

The standard books in Civics and Economics are studied, and the views therein expressed are freely discussed in the class-room. Government publications, magazine articles, and other valuable material are read for the purpose of obtaining all the light possible upon the subject under discussion as well as to broaden the mental vision of the student. The work for the year 1909-10 is as follows:

**Collegiate American History—Elective**

FALL TERM—Advanced American History, covering our national period to the Compromise of 1850. Four hours per week.

WINTER TERM—The Period of Slavery Agitation, Causes of the Civil War. Four hours.

SPRING TERM—The Civil War, Reconstruction, and on to the present time. Four hours.

Elson's History of the United States will be used as a guide in the foregoing courses; but much of the work will be research work in the library, where may be found all the standard histories of the United States, the Congressional

Record, and a great many books on special periods, biographies, etc.

### **Special Electives**

FALL TERM—Development of the British Empire. Four hours. No special text-book.

WINTER TERM—Seignobos's *Ancient Civilization*. Three hours.

Comparative Governments, with Woodrow Wilson's *The State* as a text, and Lowell's *Governments and Parties in Europe* as a reference. This is a study of the present governmental systems of the leading European nations.

In the Special Electives, the Madison Papers, The Federalist, Poore's Constitutions and Charters, American State Papers, the Congressional Globe and Record will be used in connection with the standard histories. The volumes of Bancroft, Rhodes, Von Holst, Schouler, McMaster, Hart, Channing, Cambridge Modern History, Vol. VII., and the American Statesman Series are constantly at hand for reference. Hamilton's, Jefferson's, Clay's, and Calhoun's works are always accessible and often used.

### **Political Economy**

FALL TERM—*The Elementary Principles of Political Economy* to Chapter V., Book III.

WINTER TERM—*The Elementary Principles of Political Economy* completed.

The work outlined above is required in the Collegiate Department. *The Elementary Principles of Political Economy* by Ely and Wicker will be the text used. The fundamental principles of the subject will be studied in the first term, followed in the second term by their practical application to the questions of today.

### **Elective Economics**

WINTER TERM—Advanced Economics, three hours.

SPRING TERM—Money and Banking, three hours.

Methods of Taxation.

Hadley's Economics will serve as a text-book in the Winter term.

"Money and Banking," by Horace White, will be used as a text-book in the work of the spring term.

### MODERN LANGUAGES

PROFESSOR CLAASSEN

MISS LILLIAN C. ROBINSON, *Instructor.*

#### GERMAN

The purpose of the work of the first year is to secure a thorough knowledge of the fundamental principles of the German language and to acquire an extended vocabulary.

In order that the student may acquire the ability to understand spoken German and to *think* in German, the work in the class-room is carried on in German, as far as practicable, the prose composition, consisting largely of reproduction of things read in German, is made an important feature of the work.

After the first year the aim (of the regular course) is to familiarize students with the best German literature. Historical dramas require special study and collateral reading.

A German Club, maintained by students of classes beyond the first year and meeting every three weeks, is to assist students in acquiring proficiency in the use of colloquial German.

If any course in German is elected, it should be continued throughout the year.

#### Courses

1. German Grammar. Study of forms and composition. Conversation based on Newson's *First German Book* (the new edition of Alge's *Leitfaden*), in connection with Hoelzel's charts on the seasons. Fall term (required) five hours.

2. Study of Syntax. Reader and Review of Grammar. Some short modern story, such as Storm's *Immensee* and composition based thereon. Conversation as in first term. Winter term (required) five hours.

3. Composition based on story read. Schiller's *Wilhelm Tell* and, if possible, some short comedy or story. Conversation continued. Spring term (required) five hours.

4. Reading of some modern prose, such as Max Mueller's *Deutsche Liebe* and of a modern drama. Conversation based in Newson's *German Reader* (the second part of Alge's *Leitfaden*) and Hoelzel's charts. Adapted and original composition and grammar exercises. Fall term (required in B. S. and Ph. D. courses, elective in A. B. course) 4 hours.

5. A drama and some lyrics of Schiller. Continuation of German theme writing and grammar drill and of conversation. Winter term (required and elective as in Course 4) 4 hours.

6. Some work of Goethe. Conversation and composition continued, as in 4 and 5.

7. Sudermann, one drama and one novel read in class. Each student should read and review one of his works outside of class. Composition (reproduction in German) and conversation based on *German Daily Life*. Fall term (elective), 4 hours.

8. Hauptmann, *Der Arme Heinrich*, or *Die Versunkene Glocke*. Outside work, composition and conversation as in 7. Winter term (elective), 4 hours.

9. Goethe's *Meisterwerke*, following the text by Bernhardt. Spring term (elective), 4 hours.

\*10. *Wallenstein*, Schiller, the complete trilogy and portions of Schiller's *Thirty Years' War*, having bearing on the drama.

\*11. Goethe's *Faust*, Part one, or some dramas of Grillparzer, Kleist, or Hebbel.

\*12. Brief survey of German Literature. Lectures, readings, and reports.

13. Scientific German, required for courses in Engineering. Introduction to the reading of scientific German. Fall term, 3 hours.

14. Scientific German. Reading of scientific monographs. Winter term (required as in 13), 3 hours.

15. Some scientific work of Humboldt or Goethe and some historical or philosophic prose, (elective), 3 hours.

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\* Courses 7, 8, and 9 are, for the present, given in alternate years with 10, 11, and 12. In 1909-10, Courses 10, 11, and 12 will be given.

**FRENCH**

1. ELEMENTARY FRENCH—The object of the course is to give the essentials of the grammar, including the conjugation of the regular and the more common irregular verbs; the plural of the nouns; the inflection of adjectives, participles and pronouns; the use of the personal pronouns, common adverbs, prepositions and conjunctions; the order of words in the sentence, and the elementary rules of syntax. Fall term, 4 hours.

2. ELEMENTARY FRENCH (Continued)—A systematic review of the entire grammar; careful drill in pronunciation, oral and written reproduction of stories; memorizing of prose and poetry; writing French from dictation; reading of not less than 200 duodecimo pages of graduated texts, with constant practice of translating into French easy variations of the sentences read. Winter term, 4 hours.

3. INTERMEDIATE FRENCH—Continued drill upon the rudiments of grammar, with constant application in the construction of sentences; mastery of the forms and use of pronouns, pronominal adjectives, of all irregular verbs, and of the simpler uses of the conditional and subjunctive; the reading of not less than 300 pages of easy modern prose in the form of stories, plays, or historical or biographical sketches; constant practice in translating into French easy variations upon the texts read; frequent abstracts of the text; continued drill in pronunciation, conversation and dictation. Spring term, 4 hours.

4. ADVANCED FRENCH—Idioms, synonyms, diction. The course calls for the ability to use the language effectively as a means of oral and written expression. Characteristic French prose and poetry form the basis for more advanced language study. Fall term, 4 hours.

5. OUTLINE HISTORY OF FRENCH LITERATURE—This course traces the history of French literature from its origin to the present day, bringing out the great currents in their relation to each other. Illustrative readings from representative authors will be assigned for study and report, and themes and essays on literary subjects will be required. The course will

thus at the same time be one in advanced composition. Winter term, 4 hours.

6. FRENCH LITERATURE OF THE XIX CENTURY—Study of the representative works beginning with Victor Hugo and the French romanticists. Spring term, 4 hours.

7. FRENCH LITERATURE OF THE XVIII CENTURY—Le Sage, Marivaux, Montesquieu, Voltaire, Diderot, Jean Jacques Rousseau, Regnard, etc. Fall term, 4 hours.

8. FRENCH LITERATURE OF THE XVII CENTURY—Classicism, origin, formation, apogee, decline. Writers: Boileau, Moliére, Racine, Corneille, LaFontaine, Pascal, Bossuet, etc. Winter term, 4 hours.

9. HISTORY OF THE FRENCH LANGUAGE—Lectures on the general history of the French language from its origin to the present time. Nyrop; Grammaire Historique de la Langue Francaise, tome premier, première partie. Fall term, 3 hours.

10. FRENCH LITERATURE OF THE XVI CENTURY—Origin of classicism in France; study of language and literature with illustrative readings.

Darmesteter et Hatzfeld: Le Siezième Siècle en France. Winter term, 3 hours.

### SPANISH

1. ELEMENTARY SPANISH—Drill in pronunciation, including accentuation; the rudiments of grammar, including all the regular and the more common irregular verbs, the forms and order of the personal pronouns, the uses and meaning of the common prepositions, adverbs and conjunctions, the use of the personal accusative, and other elementary rules of syntax. Fall term, 3 hours.

2. INTERMEDIATE SPANISH—Practice in speaking and writing Spanish together with the careful reading of several modern novels and dramas. Attention is constantly directed to points of syntax, idiomatic constructions, synonyms and the translation of English into Spanish. Winter term, 3 hours.

3. SPANISH PROSE COMPOSITION—This course is designed to give the student a practical command of Spanish as a medium of expression. It may be varied to adapt it to the needs of the student, now tending more to commercial forms

of composition, now to those forms used in literature, or by the traveler. Spring term, 3 hours.

4. GENERAL INTRODUCTION TO SPANISH LITERATURE—Texts will be selected from the following lists: Electra, (Galdos); Jose (Valdes); Guzman el Bueno (Gil y Zarate); La Verdal Sospechosa (Alarcon); Don Gil de las Calzas Verdes (Tirso de Molina; Cervantes, Novelas Ejemplares; outside reading. Fitzmaurice Kelly's History of Spanish Literature, (preferably in the Spanish version) by Bonilla y San Martin. Fall term, 3 hours.

5. SPANISH CLASSICS—The life and works of Cervantes, Critical reading of the first fifty chapters of Don Quijote; the peculiarities of syntax, style, and diction as compared with modern Spanish, will be studied. Winter term, 3 hours.

6. SPANISH CLASSICS (Continued)—Selected dramas of Lope de Vega and Calderon. Spring term, 3 hours.

## BIOLOGY AND GEOLOGY

PROFESSOR MERCER.

J. A. BADERTSCHER, *Assistant*, C. E. HAYDEN, *Assistant*.

This department embraces all the subjects properly belonging to Biology, together with Inorganic and Organic Geology.

The work in Zoology begins with the Winter term of the Freshman year. Abundant opportunity is offered for field work. In addition to the material gathered by the class, use is made of preserved marine types which are received from time to time for the purpose of dissection. Each student is required, also, to spend some time in the Zoological Museum, which contains many valuable specimens.

The student enters the laboratory at the very start, and such types are placed before him for examination and dissection as will lead him step by step to correct habits of observation, by which he is enabled to comprehend the close relations of one form of life to another. As this work is in progress, the subjects under examination are fully discussed, and, on the completion of each dissection, the student is examined upon the work done. Drawings are required of the different parts and organs, in all cases. After a few

types have been studied in the laboratory the subject of classification receives careful attention.

An advanced course in Zoology is offered in the college proper, and a scholarship has been established which insures free tuition and laboratory privileges at the Marine Biological Laboratory, Cold Spring Harbor, Long Island, to the student in this department doing the highest grade of work. The importance of the advantages thus secured cannot be overestimated, as the student is given abundant opportunity to study marine life amidst its proper environments. He will, to this end, be expected to assist frequently in dredging, for which a naptha launch is provided.

The course in Preparatory Physiology aims to give a good general knowledge of Anatomy and Hygiene, and the functions of the different organs. Occasional dissections are performed before the class, and some laboratory work is required of all. In the collegiate course this subject is studied by more advanced methods. Osteology receives close attention, and each student is expected to give some attention to dissection, besides making a practical study of a few histological structures. Physiological principles and theories are discussed according to the latest investigations; and, in this connection, experiments are performed in the laboratory. The department is supplied with a valuable skeleton and superb French anatomical models. (For more advanced work in Anatomy and Physiology, see Preparatory Medical Course.)

Elementary Botany is required in all the Preparatory courses. Work begins with an observational study of germinating plantlets, all students being required to sow the seeds of several representative plants and to make careful drawings of the different stages of growth. Leaves, roots, and stems are studied from the objects as far as practicable and practical dissections of certain typical flowers precede the regular work of Systematic Botany. As time permits, the student is given some insight into the microscopic structure of plants by practical work in the laboratory. An herbarium of not less than forty plants will be required of all, or an equivalent in laboratory work. In the collegiate course the student is set to

work at once with the microscope, the object being to secure a knowledge from actual observation of the general anatomy and physiology of plants. This is followed by work upon the Cryptogams, and all will be encouraged to make some special investigations for themselves.

The University is thoroughly equipped for work in General Biology, a required subject in all the collegiate courses. A biological laboratory has recently been completed and fitted up with modern apparatus, including a steam sterilizer, fine optical appliances, dissecting instruments, water baths, paraffin bath, CO<sub>2</sub> freezer, Minot Microtone, etc. The student is given practical training in Microscopy, and is taught the process of staining and preparation of permanent mountings. It is the intention to give a thorough knowledge of the structure and mode of growth of typical plants and animal forms, and the laboratory work is accompanied with lectures, in which the composition of organisms, methods of reproduction, development, and other biological subjects are discussed.

At an early stage of the work in Geology, such objective study of minerals is pursued as will enable the student to comprehend the composition of rocks, which is next taken up. To supplement the text, lectures may be given from time to time upon Dynamical, Structural, and Paleontological Geology, and these subjects are further studied in the field. Work is also offered in Determinative Mineralogy. A large cabinet of minerals is open at all times to the student of Geology.

The stereopticon is in constant use in the Department to illustrate the lectures. The facilities for making lantern slides are such that many additions are made annually to the already quite complete set of over eight hundred slides.

WORKS OF REFERENCE—Parker & Haswell, Text-book of Zoology, Schafer, Text-book of Physiology, Marshall & Hurst, Practical Zoology, Stewart, Manual of Physiology, Bessey's Botany, Goodale's Physiological Botany, Gray's Structural Botany, Woll's Diatomaceæ of N. A., and Desmids of the U. S., Strasburger's Manual of Vegetable Histology, Goebel's Outlines of Classification and Special Mor-

phology, Vine's Physiology of Plants, DeBarry's Comparative Anatomy of Phanerogams and Ferns, Huxley's and Martin's Biology, Sedgwick and Wilson's Biology, Packard's Zoology, Lang's Vergleichende Anatomie der Wirbellosen Thiere, Landöies's Physiology, Stirling's Histology, Piersol's Histology, Shafer's Essentials of Histology, Carpenter's The Microscope, Frey's Microscopical Technology, LeConte's Elements of Geology, Dana's Manual, Dana's Mineralogy, Crosby's Mineralogy, Lyell's Principles of Geology, Geike's Text Book of Geology, Government Reports, complete sets of the American Journal of Morphology, Illustrated Flora of the Northern United States and Canada, by Britton and Brown, Shaefer's Text Book of Physiology, Chavau's Comparative Anatomy of the Domesticated Animals, and Campbell's Text Book of Botany.

CURRENT JOURNALS—American Naturalist, Science, American Journal of Anatomy, Biological Bulletin, Ohio Naturalist, Journal of Experimental Zoology, Mycological Bulletin, Nature-Study Journal, Popular Science Monthly, Science Progress, and the reports of all the leading scientific societies.

### **Preparatory Biology**

Fall Term—Physiology and Hygiene.

Winter Term—Botany.

Spring Term—Botany.

This work is required of all students five hours each week for the entire year.

### **College Biology**

Fall Term—Vertebrate Zoology. (Sophomore elective) 4.

Osteology. (Sophomore elective) 4.

Microscopy and Histology. (Junior elective) 5.

Structural Botany (Senior elective) 4.

Geology (Senior required) 4.

Experimental Physiology (Junior elective) 4.

- Winter Term— Invertebrate Zoology. (Freshman required) 2.  
Anatomy. (Sophomore elective) 4.  
Physiology. (Sophomore required) 4.  
Histology (Junior elective) 5.  
Bacteriology. (Junior elective) 4.  
Human Anatomy. (Elective) 4.
- Spring Term— Invertebrate Zoology. (Freshman required) 4.  
Historical Biology. (Elective) 3.  
Physiology (Sophomore required) 4.  
Embryology (Junior elective) 5.  
Neurology (Elective) 3.  
Sanitation. (Elective) 3.
- Summer Term—Preparatory Botany. (Spring term work) 5.  
Teachers' Physiology. (Advanced course) 5.  
Structural Botany. (Senior) 4.  
Zoology. (Freshman required) 5.  
Sanitation. (Elective) 3.

All the college courses are laboratory courses. It requires two hours of actual work in the laboratory for one hour credit. All four-hour courses are made up of at least two laboratory periods and two lectures or recitations each week of the term, and all other laboratory courses in the same proportion.

Any student electing the course in Histology and Embryology must plan to take the entire work of the year.

#### Description of Courses

1. ANATOMY. The laboratory work will be mainly dissection of the cat or rabbit and the study of microscopic sections of all important organs.
2. PHYSIOLOGY. The course will consist of at least two lectures or recitations one hour each and two laboratory sections of two hours each, every week of two terms. This will be a course of actual demonstration of the functions of the different organs of the body. For example, the student actually tests the action of the reagents found in the gastric juice upon the food principles. He then uses the gastric

juice prepared from the stomachs of different classes of animals, and tests its action upon different foods, the changes thereby being brought before the eye. Experimental Physiology forms a large part of this course.

Physics, Chemistry, and Zoology (or a thorough course in Preparatory Physiology) are required before entering this course.

3. HISTOLOGY—This course includes a careful study of technic; taking fresh tissue and carrying it through to the finished slide by the most approved and modern methods. The student also makes a study of the finished slide and makes drawings of many type tissues. This course is designed thoroughly to fit the student preparing for the study of medicine, as well as to give the student in general a thorough idea of the structure of the human body preparatory to the study of physiology.

4. BOTANY. Study begins with the plant cell and traces the development of the plant through the successive orders to the flowering plants. Attention will be given to living plants, including plant histology, and a general consideration of all the life principles involved in plants.

5. INVERTEBRATE ZOOLOGY. The course in Zoology takes up the study of animal life in the line of development, beginning with the amoeba and tracing the line by means of type forms through the succeeding orders to the vertebrates. Physiology in the simple forms is studied with special reference to its bearing upon human physiology.

6. VERTEBRATE ZOOLOGY. This course includes all of the Phylum Chordata except the mammals. The type forms studied are the Amphioxus, the dog-fish, the perch, the frog, the turtle, and the English sparrow. A careful dissection is made of all these forms, but more time is spent on the frog than on any other form. The muscular, the nervous, the digestive, the circulatory, and the respiratory systems are compared in each case to show their relationship and their advancement as we ascend the scale in Chordata. Physiology plays a very important role in this course for all of these forms.

7. **BACTERIOLOGY**—This course is mainly one of technic. The student prepares all the common media, inoculates specimens of many of the different forms of bacteria and studies the growth and action of the same. He also gets a fair idea of the methods of identification of common forms, making slides from the cultures.

The lectures connected with this course are designed to bring out the relation of the subject to hygiene and the basic relations of bacteria to disease. The history of the subject and its relation to Scientific Medicine are also brought out.

8. **EMBRYOLOGY**—In this course the student follows carefully the development of the chick, makes slides of the embryo at different ages from four hours up to seventy hours, and prepares museum specimens of the chick from that to twenty-one days. He supplements his work with careful reading and comparisons with the development of the mammal, and makes dissections of a fetus of pig or cow. Serial sections of pig embryos from 5 mm. to 30 mm. are studied throughout the entire course.

9. **EXPERIMENTAL PHYSIOLOGY**—In this course the frog is used to a large extent in performing the experiments. A complete set of the Harvard apparatus is in constant use. The activities of the muscles and all of the vital organs are observed and tracings made in many cases. The relation of the nerves to the muscles are shown in many ways, including the central nervous system and the sympathetic system. Dr. Fish's manual is used as the basis for the laboratory work, with Porter's Physiology as a constant reference work.

10. **NEUROLOGY**—This course begins in the Winter term in connection with the Histology. The technic is mastered and many slides are made of the different parts of the nervous system. The study proper is taken up in the Spring term, in which dissections of the brain and the spinal cord are made and the parts carefully worked out. The relation of the nerves to the centers are shown by dissection and the study of the slides made during the latter part of the Winter term. The course is designed not only to bring out the anatomy of the Nervous System but the physiology as well.

11. HISTORICAL BIOLOGY—This course will bring out the fundamental ideas of Biology, and men and conditions under which they were given to the world. The different theories of the origin of the species will be discussed. Natural selection, adaptation, mutation, etc., will receive a prominent place. All of these discussions bear upon the great question of Heredity. To bring out all of the above topics the biography of the leaders of Biology will be used to a large extent. Thirty-six college hours will be allowed for the completion of this course.

12. SANITATION—This course will be an advanced course in Hygiene and presupposes a thorough knowledge of Physiology. Nothing less than a first-class high school course in Physiology will be accepted. This course will, in no sense, take the place of the course in Elementary Physiology, described above. A good practical knowledge of bacteria and their relation to disease will be obtained. The laboratory work will be largely the culture and the observation of bacteria both in a general way and with the microscope. Fundamental questions of sanitation, both municipal and personal, will be discussed. The legal side, as well as the scientific side, of school inspection, etc., will be discussed. Thirty-six college hours will be allowed for the completion of this course. The course will be offered both in the Spring and in the Summer terms.

#### DEPARTMENT OF MEDICAL SCIENCES

*It is desirable in many cases that students looking forward to the medical profession should, after spending four years in collegiate work, be admitted to advanced standing in medical schools, whereby a year's time might be gained.* With this object in view, the Department of Biology now offers such work as is, in conjunction with Physics and Chemistry, recognized by the best of these schools the full equivalent of a year's professional study.

The laws in many states are such that no time credit can be given for this work, but our students get credit in all the Medical Colleges for subjects completed, which gives

them time to specialize in some subject during their medical course. The advantage of this cannot be overestimated.

The Departments of Physics and Chemistry furnish abundant opportunities for the work required in that direction. The biological work is, from the very outset, suited to the needs of the medical student. To this end it properly begins with General Biology, to be followed by a comparative study of animal forms and of phanerogamic and cryptogamic plants. The development of some vertebrate is closely studied, and preparations of embryos are required of each student. Throughout the entire course close attention to laboratory work is insisted upon. Practical instruction is given in the preparation of microscopic objects, and the student is taught the technic of section cutting and mounting. A practical knowledge of Human Anatomy is obtained from the careful dissection of the human body. Arrangements have been made whereby students of the University are allowed, under certain conditions, to attend post-mortem examinations and to assist in the work. The laboratory is provided with modern apparatus for accurate investigation of disease germs, and the student is therefore required to do practical work in the all-important subject of Bacteriology.

#### Premedical Sciences (Required Subjects)

Fall Term Subjects.	Mon.	Tues.	Wed.	Ths.	Fri.	Hrs.
Physiology and Hygiene	Rec. (1)	Rec. (1)	Rec. (1)	Rec. (1)	Rec. (1)	75
Structural Botany.....	Rec. (1)	Rec. (1)	Lab. (2)	Lab. (2)	Lab. (2)	120
Inorganic Chemistry....	Rec. (1)	Lab. (2)	Rec. (1)	Lab. (2)	Rec. (1)	105
Elementary Physics.....	Rec. (1)	Lab. (2)	Rec. (1)	Lab. (2)	Rec. (1)	105
German .....	Rec. (1)	Rec. (1)	Rec. (1)	Rec. (1)	Rec. (1)	75
Winter Term Subjects.						
Comparative Anatomy..	Rec. (1)	Lab. (2)	Lab. (2)		Rec. (1)	72
Invertebrate Zoology....				Rec. (1)	Lab. (2)	36
Inorganic Chemistry....	Rec. (1)	Lab. (2)	Rec. (1)	Lab. (2)	Rec. (1)	84

**Premedical Sciences (Required Subjects)—Concluded**

Winter Term Subjects.	Mon.	Tues.	Wed.	Ths.	Fri.	Hrs.
Elementary Physics.....	Rec. (1)	Lab. (2)	Rec. (1)	Lab. (2)	Rec. (1)	84
German .....	Rec. (1)	Rec. (1)	Rec. (1)	Rec. (1)	Rec. (1)	60
French .....	Rec. (1)	Rec. (1)	Rec. (1)	Rec. (1)	Rec. (1)	60
Physiology .....	Rec. (1)	Lab. (2)	Lab. (2)		Rec. (1)	72
Spring Term Subjects.						
Chemical Physiology.....		Lab. (2)	Rec. (1)	Lab. (2)	Rec. (1)	72
Invertebrate Zoology.....	Rec. (1)	Lab. (2)	Lab. (2)	Rec. (1)		72
German .....	Rec. (1)	Rec. (1)	Rec. (1)	Rec. (1)	Rec. (1)	60
French .....	Rec. (1)	Rec. (1)	Rec. (1)	Rec. (1)	Rec. (1)	60

**Medical Sciences**

Fall Term Subjects.	Mon.	Tues.	Wed.	Ths.	Fri.	Hrs.
*Histology .....	Rec. (1)	Lab. (2)	Lab. (2)	Lab. (2)	Rec. (1)	120
*Qualitative Analysis...		Lab. (3)	Lab. (3)	Lab. (3)		135
*Experimental Physiology .....	Rec. (1)		Lab. (2)		Lab. (4)	105
*Comparative Vertebrate Anatomy .....	Rec. (1)	Lab. (2)	Rec. (1)	Lab. (2)		90
*Osteology .....	Rec. (1)	Lab. (2)	Lab. (2)	-	Lab. (2)	105
Advanced Physics.....	Rec. (1)	Lab. (2)	Lab. (2)	Rec. (1)		90
Medical Latin.....	Rec. (1)	Rec. (1)	Rec. (1)			45
Winter Term Subjects						
*Histology .....	Rec. (1)	Lab. (2)	Lab. (2)	Lab. (2)	Rec. (1)	96
*Bacteriology .....		Lab. (2)	Lab. (2)	Lab. (2)	Rec. (1)	84
*Human Anatomy.....	Lab. (2)	Lab. (2)	Lab. (2)	Lab. (2)	Rec. (1)	120
*Organic Chemistry.....	Rec. (1)	Rec. (1)	Rec. (1)			45
Quantitative Analysis...	Lab. (3)	Lab. (3)	Lab. (3)			108
Physical Chemistry.....				Rec. (1)	Rec. (1)	Rec. (1)
						26

**Medical Sciences—Concluded**

Winter Term Subjects.	Mon.	Tues.	Wed.	Ths.	Fri.	Hrs.
Advanced Physics.....	Rec. (1)	Lab. (2)	Lab. (2)	Rec. (2)		72
Medical Latin.....	Rec. (1)	Rec. (1)	Rec. (1)			36
Physiological Psychology	Lab. (2)	Rec. (1)	Lab. (2)	Rec. (1)	Lab. (2)	96
Spring Term Subjects.						
*Embryology .....	Rec. (1)	Lab. (2)	Lab. (2)	Lab. (2)	Rec. (1)	96
*Human Anatomy.....	Lab. (2)	Lab. (2)	Lab. (2)	Lab. (2)	Rec. (1)	108
*Qualitative Analysis...	Lab. (3)	Lab. (3)	Lab. (3)			108
Quantitative Analysis...	Lab. (3)	Lab. (3)	Lab. (3)			108
Electro-Chemistry .....			Rec. (1)	Rec. (1)	Rec. (1)	36
Advanced Physics.....	Rec. (1)	Lab. (2)	Lab. (2)	Rec. (1)		72
Neurology .....	Rec. (1)	Lab. (2)	Lab. (2)			60
Abnormal Psychology...		Rec. (1)	Lab. (2)	Rec. (1)	Lab. (4)	96
Sanitation .....	Rec. (1)	Lab. (2)	Rec. (1)	Rec. (1)		60

All subjects in the group of the premedical sciences are required in all the college courses. The starred subjects in the schedule of medical sciences are required of all students desiring advanced standing in medical colleges. It is possible for a student to take the entire group of subjects in the schedule of medical sciences as electives during a four-year course at the University.

The figures in the column marked *Hrs.*, in the schedule, indicate the number of actual hours worked in each subject. All other figures indicate the number of hours worked each day.

Among the books of reference to be found in the library may be mentioned Gray's Anatomy, Quinn's Anatomy, Holden's Anatomy, Landois and Sterling's Physiology, Hertwig-Mark's Text-book of Embryology, Lehrbuch der Vergleichenden Entwicklungsgeschichte (Korchelt & Heider), Minot's Human Embryology, Zeigler's General Pathology, Stoehr's

Histology, Von Kohlden's Pathological Histology, Korchelt & Heider, Text-book of Embryology of the Invertebrates, Wilder and Gage's Anatomical Technology, Weidersheim's Comparative Anatomy, Sternberg's Bacteriology, Reference Hand-book of Medical Sciences, Spalteholz's Hand Atlas of Human Anatomy, and standard texts and guides in Histology. The following subjects are comprehended in this course: General Biology, Zoology, Mammalian Anatomy, Human Anatomy, Histology, Physiology, Structural and Systematic Botany, Vegetable Histology, Embryology, and Bacteriology.

## CHEMISTRY

PROFESSOR BENTLEY

FRANK PORTER, *Instructor.*

The aim of the Chemical Department is two-fold. It offers to the general student the opportunity of becoming acquainted with the general principles of this science and gives him practice in some of the methods used in the chemical laboratory. To a smaller number of students the Department offers superior facilities for more advanced work both theoretical and practical, organic as well as inorganic. In the rooms recently equipped for advanced work every convenience is supplied. The Department is also accumulating a library of reference books which will meet the requirements of the students who make Chemistry their special field for work.

### Courses

1. GENERAL DESCRIPTIVE CHEMISTRY—This course consists of three lectures or recitations and four hours' laboratory work per week during the Fall and Winter terms. The lectures will be illustrated with experiments and with stereopticon views on applied chemistry. In the laboratory the student will study the preparation, properties, and reactions of the various elements and compounds considered. This course requires no special preparation, and it or an equivalent must precede all other courses in chemistry. It is required of Sophomores in the A. B. and Ph. B. courses and for Freshmen in the B. S. course.

Holleman's Inorganic Chemistry, Newth's Inorganic Chemistry, and Remsen's College Chemistry are recommended as reference books for students in this course.

2. **QUALITATIVE ANALYSIS**—A laboratory course of three hours per week for two terms is offered. By doubling the working time the whole work may be done in one term. The student will become familiar with the tests applied for the identification of bases and acids in insoluble as well as soluble substances.

3. **ORGANIC CHEMISTRY**—A short course in this subject will be offered for the Fall term, and will consist of three recitations per week. The course will give a general knowledge of the subject. Laboratory work in organic preparations may be arranged for if desired.

4. **THEORETICAL CHEMISTRY**—This course will consist of three recitations per week during the Winter and the Spring terms. It will supplement the theoretical work done in Course 1, and will give the student some acquaintance with the more recent developments in theoretical chemistry. Course 4 should be preceded by Courses 1, 2, and 3.

Walker's Introduction to Physical Chemistry will be used as a text-book.

5. **QUANTITATIVE ANALYSIS**—A laboratory course, the equivalent of three hours per week, for three terms, is presented. The course will give practice in all the more general methods of quantitative analysis, both gravimetric and volumetric. It should be preceded by Course 2.

6. **ADVANCED PRACTICAL CHEMISTRY**—A laboratory course equivalent to three hours per week to be devoted to such work as the student may elect. This course follows Course 6.

7. **TECHNICAL CHEMISTRY**—This course will consist of lectures, recitations, and reports by the students. It will be shaped to suit the wishes of the class and will secure a credit of three hours per week. This course will be open only to those who have taken Courses 1 to 6 inclusive or their equivalent.

8. **METALLURGY**—A general treatment of the subject occupying three hours per week. Previous training in general and analytical chemistry is essential.

**PHYSICS AND ELECTRICAL ENGINEERING***Professor ATKINSON***GEORGE E. McLAUGHLIN***Assistant in Electrical Engineering and Instructor in Shop Work***RHYS DAVID EVANS,**  
*Instructor in Laboratories*

1. **ELEMENTARY PHYSICS**—This work is required in the third preparatory year in all the courses of study. Recitations three times a week; laboratory work four hours a week. A laboratory fee of fifty cents a term is charged. The class-work will not be required of those having a diploma from a First Grade High School; but the laboratory course will be required of all high school graduates and others who have not had its equivalent. Millikan and Gale is used as a textbook; Laboratory manual, Atkinson and Evans.

2. **GENERAL PHYSICS**—This course is required throughout the Junior year of the Scientific course, and is open as an elective to students in other courses, provided they have the preparation required of students regularly in this course. In all cases, the course in General Descriptive Chemistry, or its equivalent, must precede this course in Physics. Also a knowledge of Analytical Geometry and Calculus will be required. The instruction consists, first, of class work, with experimental demonstrations; second, of individual laboratory work of an advanced character. Watson, Hastings and Beach, Carhart, Nichols and Franklin, Duff, and other larger works are used as references in the class work.

The laboratory portion of the work will be adapted to the requirements of Junior students and will presuppose the work in Course 1, or its equivalent. Recitation three times a week, laboratory six hours a week. Ames & Bliss, Nichols, Miller, Watson, Stewart & Gee, Millikan, Ferry, and other authors are used as laboratory references.

3. **PHYSICAL LABORATORY**—This will be a special elective course in heat and light, given in the Senior year, and open to those who have already had 1 and 2.

4. PHYSICAL LABORATORY—This is elective, and will be open on the same terms as 3. The course consists of exact measurements in electricity and magnetism. A very excellent special laboratory is now used for the work of this course, and the aim is continually to improve the facilities. Nichols, Stewart & Gee, Kempe, Carhart & Patterson, and Ayrton, will be used as references. Class work twice a week. Laboratory six hours a week during third term.

PHYSICAL LABORATORY—This is an elective course, given in the first term, Senior year, consisting of a study of dynamo electric machines to the end of determining and plotting their characteristics, efficiency, regulation, etc. Lectures twice a week. Laboratory six hours a week. Text, Franklin and Esty.

The fee for laboratory privileges is fifty cents a term.

### Electrical Engineering

OPPORTUNITIES—The rapid development of electricity for the purpose of light and power, and its general introduction into all forms of industry, have created a demand for men well qualified in this branch of engineering. The profession offers excellent opportunities for young men, and the field is so broad that the chances for rapid promotion are very flattering to those properly qualified. The thoroughly educated man who combines practical experience with his theoretical knowledge of electrical engineering is in special demand; for many now engaged in this work are poorly fitted for its duties. The University does not lose sight of the fact that mind training is its chief business. Yet it is the guiding principle of this department that the education of the mind is none the less efficient for making use of the materials for this purpose which may at the same time be applied by the trained mind to earning a livelihood. We hold that, instead of being opposed, these two features are correlative.

Ohio University is a State institution, and a free library, now occupying the new Carnegie Library Building, literary societies, musical, scientific, and other organizations add much to the advantages of students. All the regular literary departments of the University are open to engineering students, if they choose to elect any of the general work there offered.

The whole atmosphere of college surroundings is beneficial, and constitutes no small advantage over the purely technical school. In Ohio University small classes, usually ten to forty, and attention to individual students, are advantages that can not be overestimated.

There is a growing demand for salesmen of electrical machinery and supplies, and for men with business qualifications to manage the practical affairs of the electrical industries, and to take charge of parts of their business interests. These demands are sure to continue for some years to come. It is these demands that we are aiming to meet in the training of our students. The course in Electrical Engineering offers what we think no similar course contains: namely, a year's elective course of training in business. The student will thus be able to take a position either in the technical or business departments of any of the electrical industries. This course is especially adapted to engineering students.

**EQUIPMENT**—The University possesses an excellent incandescent lighting plant, used for lighting the buildings and campus, with the design of extending to the students practical training in the construction, operation, and care of electrical and steam machinery. The plant is modern in all its parts, and meets our present requirements for light and power quite satisfactorily. Very extensive additions to the electrical equipment have been made recently. Both direct and alternating currents are used. The switches and fittings on the boards, wiring, and general installation are all the work of students. Modifications and extensions from time to time give others excellent opportunities to obtain valuable practice. This practice also includes dynamo and engine tests, attaching indicators, obtaining and interpreting cards, valve settings with and without the indicator, etc. The equipment consists, in part, of a large laboratory for Elementary Physics and Electricity, a laboratory for advanced Physics, one for electrical measurements, a lecture room, office, photographic dark room, photometry room, drafting room, a dynamo, motor and transformer laboratory, a shop, and a boiler and engine room. In all these, students have the advantage of practical training in the various phases of electrical and steam

engineering work. Great expense has been incurred in equipping these departments of work, and additions will be continually made in order to keep up with the times and the increased enrollment. The power-room contains a direct-connected Thompson-Ryan-McEwen set, a Corliss engine belted to a 3-phase generator, and a vertical Erie engine, and the necessary switch-boards and other appliances; the steam power being derived from a 100-horse power boiler located in an adjacent room. The dynamo laboratory contains a Westinghouse multipolar machine which can be used as a compound generator or as a motor to drive the counter-shaft to which are belted other machines, which in turn may serve different purposes for power and tests; for example, a Western Electric arc machine, a Westinghouse bi-polar incandescent, T. H. generator, a multipolar alternator, two induction motors (three-phase), a rotary converter, with pulley, a 10-horse power multipolar motor and generator, and a  $7\frac{1}{2}$ -horse power low speed motor. There are also several motors of various designs from  $\frac{1}{4}$  to 5-horse power, and a 5-horse power gas engine. In this laboratory are also several transformers of different sizes and makes, used for experimental and testing purposes. There are also the necessary switch-boards, lamp-racks, load rheostats, measuring instruments in large number and variety, such as voltmeters, ammeters, wattmeters, electrodynamometers,, tachometers, contact makers, etc.

The electrical profession requires a great deal of mechanical ability and training in the use of tools for both wood and metal. The Department is provided with shops for both, a forge and lathe room having been provided in the basement of Ewing Hall as a further addition to our facilities in this direction. These shops are provided with wood and metal-working lathes, and a complement of the necessary tools. Additions to the shop facilities are being made continually. As will appear from the course outlined below, while mastering the use of tools, the student is taught the construction of useful pieces of apparatus for laboratory purposes. The ability thus to construct apparatus and machinery, to preserve the proper relations of the several parts in fit-

ting them together, and in overcoming the difficulties that may arise in embodying one's ideas, has a very great educational value aside from its practical aspect. Each student this year in the second-year course designed and constructed from his own patterns an electric motor or dynamo from one to three-horse power. It is believed that the student's opportunities are enhanced several fold, not only through the self-confidence thus gained, but his ability to do something as well as to know something.

REFERENCES—Students in the Engineering departments find on file for ready reference a large number of technical periodicals, such as the Electrical World, Electrical Review, Electricity, Electric Journal, Street Railway Journal, Engineering Magazine, Power, Scientific American, Scientific American Supplement, Proceedings of American Institute of Electrical Engineers, Science, Physical Review, Science Abstracts, Engineering News, Engineering Record, Mines and Minerals, Journal of the Association of Engineering Societies, Journal of the Western Society of Engineers, Reports of the State Engineering Societies, Cement, Railway Gazette, Journal of Franklin Institute, Electro-Chemical and Metallurgical Industry, Journal of the Chemical Industry, Die Zeitschrift für den physikalischen und chemischen Unterricht. Besides, the Department library, which is available to students taking these courses, the Carnegie library is also open for use each day, and three evenings a week.

AID—Ohio University makes no promises of positions to prospective students. But the young man who conscientiously does what is assigned him to do, and makes a success of his college work, need have no fears about his future success. Of course we use our influence in helping young men secure positions. The fact that no one of those who has creditably completed any of the courses has failed to secure a good position, and that we often have calls for men we are unable to supply, should be a sufficient guarantee and encouragement to those about to begin the work. Our principal object is the thorough mental and practical training of men for the various lines of engineering work; and they are thus fully prepared to accept good positions.

**ENROLLMENT**—The enrollment in the Engineering classes increases from year to year, and good positions are awaiting still more students who complete the work. For the year ending April 1, 1909, the total enrollment in the Electrical Engineering classes in the University was 103. This number was nearly uniform throughout the year. See the enrollment list at the end of the catalogue for the names and addresses of the students in Electrical Engineering.

**REQUIREMENTS**—All work scheduled in Electrical Engineering can be taken as elective by students pursuing the course leading to the degree of Bachelor of Science. There is optional substitution of modern languages for Latin. See courses of study of the State Preparatory School given elsewhere. Graduates of First Grade high schools will be able, in most cases, to enter the first year of the course without condition.

For entrance to this course, when no diploma is presented, the requirements are: English, Preparatory Rhetoric and two terms of Literature; Mathematics, Algebra, through Ratio, Proportion and Progression; Geometry, Plane and Solid, including Spherical; Free-hand Drawing, three terms work; Physics, Elementary completed, with note-book showing at least forty experiments.

When the Electrical Course and the auxiliary studies are completed, a certificate will be issued showing the character of the work done. Also, where it is deserved, a recommendation will be issued showing the student's ability in theoretical and practical electrical and steam engineering. The courses are subject to such changes from time to time as the profession requires, and as the proper treatment of such studies makes necessary. The complete Scientific Course is urgently recommended in each case.

For the present there will be a charge of fifty cents a term for each laboratory course, and students will be held responsible for all breakage and damage. The charge for students in Electrical Engineering will be five dollars a term, the regular contingent fee.

**COURSE IN ELECTRICAL ENGINEERING****First Year**

FALL TERM—College Algebra 4; Descriptive Geometry 3; English 3; Direct Currents 4; Mechanical Drawing 2; Shop; Station Practice 1.

WINTER TERM—Plane Trigonometry 4; Descriptive Geometry 3; English 3; Direct Currents 4; Mechanical Drawing 2; Shop; Station Practice 1.

SPRING TERM—Elementary Mechanics 4; Electrical and Magnetic Calculations 4; Steam Engineering 4; Wiring and Armature Winding 2; Mechanical Drawing 2; Shop; Station Practice 1.

**Second Year**

FALL TERM—Alternating Current Machinery 4; Telephony 3; Analytical Geometry 4; Dynamo Laboratory, Direct Current Machinery 4; Mechanical Drawing 1; Shop Work; Station Practice 1.

WINTER TERM—Commercial Law 3; Electrical Transmission of Power 4; Central Stations 3; Calculus 4; Mechanical Drawing 2; Shop Work; Station Practice 1.

SPRING TERM—Electrical measurements 4; Electric Railway 3; Integral Calculus 4; Surveying 4; Commercial Law 3; Mechanical Drawing 1; Shop Work; Field Work 1.

**DESCRIPTION OF COURSES**—The following is a brief statement of the nature of the major portion of the Course taught in this Department. The portion taught in other departments is described elsewhere.

DRAWING (2)—For the first year's work in Drawing and in Descriptive Geometry, see Civil Engineering Course. The fourth and fifth terms require first pencil sketches containing all measurements of such objects as pieces of laboratory apparatus, pieces of pipe containing a valve, an elbow and a union, a wheel, parts of machinery, head of polishing lathe, head stock of machine lathe, bench vise, sight feed lubricator, lathe chuck, etc. All the necessary views of details are drawn, then a complete assembly of these details is made on the drawing board and finished in proper form. The fifth term is a continuation of previous term, but requiring more compli-

cated sketches and scale drawings. The sixth term includes station and switch-board design.

**SHOP WORK (4)**—(1) Wood turning according to blue-prints, and also from original designs; planing, truing, and fitting in wood; mortising and tenanting; bracing, gluing, and pinning; four hours a week in the shop.

(2) Iron turning, end truing, sandpapering, inside turning; machine thread cutting and fitting, splicing a shaft or bar; pipe cutting, threading and fitting by sleeves, elbows, unions, valves, etc.

(3) Bench work; sawing and filing brass, squaring, truing, fitting and soldering; construction of various useful devices; tapping, dieing, hand tool turning, and working to shape. General repair work in engine and boiler room. Electrical construction about the college buildings and dynamo laboratory.

The second year's work consists of a complete design of a motor and rotary converter, of 1 to 3 h. p., construction of patterns from the original blue print designs, and building the machine, and finally making a complete test of the same.

**STATION PRACTICE (2)**—This comprises practice in the care and operation of all the machinery in the college, direct and alternating current station and the central heating plant. This is required to be done in the same manner as if the student were fully responsible as the operating engineer. Six hours a week in the two stations, for two years. Other plants, such as those of the State Hospital for the Insane and the Athens Brick Company, are also utilized for the instruction of classes.

**DIRECT CURRENT MACHINERY (4)**—A study of the construction, theory, operation, and testing of the direct current dynamos, motors and other machinery. Franklin and Esty is used as a basis for this course.

**ELECTRICAL DESIGNING—WIRING AND ARMATURE WINDING (2)**—A course of lectures on the designs of electric circuits for various purposes, and also on the winding of various types of armatures; this is accompanied by individual work by each student in wiring, on the drawing board from meas-

urements or floor plans, dwellings, college buildings, hotels, business blocks, etc., and in making estimates of all material for a complete installation; switch-boards are also designed for certain purposes by each student. Several armature models for ring and drum windings are used and each student by means of real formed copper coils and by colored cords practices the various forms of winding, both direct and alternating, and then makes diagram drawings of the complete winding.

ADVANCED PHYSICS (3)—An advanced course in theoretical physics throughout the year. Hastings and Beach has been used, also Carhart's *University Physics*, Barker's *Physics* Watson's *Text Book of Physics*, and Duff's *Text Book of Physics*. Among other references are Ganot's *Physics*, Voille's *Course de Physique*, and Muller-Pouillet's *Lehrbuch der Physik*.

PHYSICAL LABORATORY (2)—An advanced laboratory course of six hours a week to accompany the class work. References for this work are made to Ames and Bliss, Watson, Stewart and Gee, Ferry, Millikan, Miller, Nichols and others.

DYNAMO LABORATORY (4)—Course of eight hours a week in the dynamo laboratory in studying the characteristics, regulation and efficiency of direct current machinery. Also lectures once a week. Franklin and Esty are used as a text-book and laboratory guide.

ELECTRIC AND MAGNETIC CALCULATIONS (4)—This is a study of magnetic and electric laws through a large number of examples and original problems. Atkinson's *Electrical and Magnetic Calculations* is the text-book used.

ELECTRICAL MEASUREMENTS (4)—Two lectures a week in the theory, and six hours a week in the laboratory in the various methods of making electrical measurements of current, resistance, electro-motive force, capacity, inductance, etc. Carhart and Patterson is used as a text-book and laboratory guide.

STEAM ENGINEERING (4)—This course consists of a study of boilers, boiler settings, fittings, braced and stayed surfaces, properties of steam, combustion, chimney design,

valves, engines—simple and compound, problems of pressure, power, indicators, governors, condensers, heaters, etc. Ripper, and *Power Catechism* are used in conjunction.

ADVANCED STEAM ENGINEERING (6)—This consists of three recitations a week, Ripper's *Steam Engineering*, advanced course, being used, and six hours in the laboratory, testing boilers for coal consumption, horse power and efficiency; calorific value of different fuels; per cent. moisture in steam, and effect of reducing; furnace, flue, and feed water temperatures, etc.

ALTERNATING CURRENT MACHINERY (4)—A study of the construction, operation, and theory of alternating current machinery. Franklin and Esty's *Alternating Currents* is used as text-book.

ALTERNATING AND POLYPHASE CURRENTS (4)—A more detailed study of the characteristics of alternating and polyphase currents; solution of problems; regulation for combined output; efficiency and losses; measurements of power; alternating current motors and their characteristics.

DYNAMO LABORATORY (4)—Lectures once a week, laboratory work six hours a week on the measurements of self and mutual inductances, capacity; E. M. F. and current curves of alternators and transformers; measurement of alternating and polyphase power. Various references are used, such as Jackson, Sheldon, Nichols, and others.

ELECTRIC DISTRIBUTION (4)—Various forms of circuits for lighting, circuit devices, overhead, and underground forms of construction, the arc, arc lamps, incandescent lamps and circuits, carbonless lamps, etc., are studied. Second term in Franklin & Esty's text.

ELECTRIC MEASUREMENTS (2)—This is a six-hour laboratory course in the photometry, efficiency and life of incandescent and arc lamps; insulation and break-down tests of wire and cable insulation; also magnetic properties of various samples of iron and steel.

TELEPHONY (3)—This is a study of the various forms of telephone apparatus, switch-boards, signal systems, party lines, automatic exchanges, etc. Text-book, Kemster Miller's *American Telephone Practice*.

ELECTRICAL TRANSMISSION OF POWER (4)—This is a study of the comparative merits of various methods for the transmission of power, and a detailed study of the electrical methods; the organization and development of hydraulic works; line construction; the commercial problem. Bell's *Power Transmission* is used.

ELECTRIC RAILWAY (3)—This course is a discussion of the general principles and practical aspects of the distribution of power for electric railways, and the modern methods of meeting the questions of complicated city systems, long interurban roads, and high speed undertakings. Ashe and Keiley is used for reference on equipment and modern methods of car breaking and control.

CENTRAL STATIONS (4)—Lectures on the design, construction and testing of electrical generating stations, covering the boiler room, engine and generator room, pumps, condensers, heaters, paralleling, switchboards, and special apparatus.

CONTRACTS AND SPECIFICATIONS (1)—Lectures or recitations once a week in form of specifications. Special references on contracts are given. Original specifications and formal contracts are required from each student.

THESIS (5)—This is a laboratory investigation carried on during the whole year by the student, the credit being given in the Spring term.

NOTE—Particular attention is called to the fact that graduates of First Grade high schools will be able to complete the Scientific Course, with Engineering as elective, in four years; the Short Course in Electrical Engineering will in every case require two years. Students who finish either of the courses will be fully able to meet the requirements of the Ohio law relative to the examination and licensing of engineers.

#### DRAWING AND PAINTING

MARIE LOUISE STAHL, *Instructor*

The great importance of the study of drawing is coming to be recognized by our best educators. Dr. Denman Ross, of Harvard University, in his speech delivered at the dedication

of the Rhode Island School of Design, said: "The arts first, pure learning and science afterward, then all together. That is the programme of the new education which is going to give us the wisdom of life with the power of art; the education which is going to teach us what to do and how to do it. Those who can go to college ought to acquire a very considerable training in the principle arts and knowledge of the best thought that has been put into them."

There is perhaps no other study that develops so many phases of man's nature as the study of art. It makes one think, observe, gives skill with the hand, creates a love for the beautiful in nature and in art; or, in other words, cultivates the aesthetic sense which has a direct moral influence and expresses itself in our daily life. "What we like determines what we are, and is a sign of what we are, and to teach taste is inevitably to form character." The work in this Department is carried on as much as possible after the manner of our best Art Schools.

A thorough foundation in drawing is necessarily the basis for specializing in any phase of art work or artistic handicraft. The student begins with still-life and perspective drawing, and, as he advances, draws from the cast and the living model. Studies in composition are required from the more advanced students. Any individuality in the student is encouraged and no fixed method is insisted upon. In painting, instruction is given in oils, water colors, pastels, and porcelain decoration—for which a kiln has been provided. Some knowledge of form proportion and mass of light and shade is necessary, through the study of charcoal drawing, before the student can begin to paint. To those desiring it, instruction in out-of-door work will be given, providing the pupils are sufficiently advanced. Students in the Engineering Department will vary the medium from charcoal to pencil and pen and ink.

The studio is well equipped. A number of the best art periodicals, as well as other works on art, and many photographs of the best things in architecture, painting, and sculpture, are kept in the studio, to which the students have access.

**ELOCUTION**

LOUISE KING WALLS, *Instructor*

The aim of this instruction is both educational and artistic; to cultivate a personal taste for literature and the ability to interpret and express it.

Great attention is paid to the individual needs of the student. Each student must commit and prepare for rendition selections advised by the instructor, on which he receives individual instruction. From time to time recitals are given to accustom the pupil to freedom in addressing public audiences. The course includes (a) Voice Culture, Proper Breathing, Tone Production, Modulation, Range, Flexibility, Voice Use, Development in Color, Accent, Emphasis, Inflection; (b) Physical Culture, Gesture Action, Study of Attitudes, Poise and Positions, Delsarte Training, and Pantomime; (c) Mental Culture, Analysis of Selections, Training for Will Power, Emotional Appreciation and Imagination.

Anyone wishing to take more advanced work can make special arrangements with the instructor.

For class work in the regular course there is no fee, but for private lessons the rate is as follows:

Per term (24 lessons).....	\$12.00
Single Lessons .....	.75

**SCHOOL OF COMMERCE****Faculty\***

ALSTON ELLIS, PH. D., LL. D.,  
*President.*

CHARLES M. COPELAND, B. PED.,  
*Director and Professor of Accounting and Commercial Law.*

MABEL K. BROWN, PH. B.,  
*Instructor in Stenography.*

MINNIE FOSTER DEAN,  
*Instructor in Typewriting.*

GEORGE C. PARKS, PH. B.,  
*Instructor in Commercial Branches.*

Ohio University began, in 1893, to offer courses in commercial studies. The increasing demand for this kind of work justified the establishment and equipment of a separate department in 1899, with a course of study consisting largely of commercial branches and some required work in English and History. This arrangement gave the regular students of the University an opportunity to elect this work as part of their college course, and it is gratifying to note that many have improved the opportunity. These and the special students who had a good preparatory training were greatly benefited, and those who desired it have had no trouble in finding employment. But the greater part of the special students with meagre preparation were poorly equipped for a successful business career even after they have made a good rec-

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\* The required works in English, Modern Languages, Economics, Mathematics, Science, and History will be taken in the regular University classes.

ord in their commercial studies. The result of this experience has been the establishment of a School of Commerce with two courses of study, each covering five years of required work, of which three years are preparatory and two collegiate, as outlined elsewhere in this catalogue.

Students in the School of Commerce have the same privileges in the University library, reading-room, literary societies, and gymnasium as regular students, and may enter any of the preparatory or collegiate classes without extra charge. Commodious rooms in Ewing Hall have been well equipped for this work. The commission, wholesale and retail offices and the bank, in the office department, are models in arrangement, fixtures, and supplies. Here students receive the training that comes from filling the principal as well as the subordinate positions in such offices. In the bank they pass from the work of collection clerk to that of bookkeeper, teller, and cashier; in the railroad office, they are agent and clerk; in the commission office, receiving clerk, shipping clerk, bookkeeper and manager; in the wholesale office, shipping clerk, bookkeeper and manager.

**ADMISSION**—Students wishing to take either of the courses in the School of Commerce will receive credit for whatever work they may have done elsewhere, provided they are able to present proper certificates from school authorities, or to pass a satisfactory examination upon entrance. Graduates of high schools having a four-year course of study will be admitted to the first collegiate year of either course without condition.

**DIPLOMAS AND COLLEGE CREDIT**—Diplomas will be granted to those who complete either course offered in the School of Commerce. Students in the regular courses of the University may take commercial branches as elective work in their courses. Students who have completed a course in the School of Commerce will be granted a degree upon their completion of the additional work leading to that degree.

**SPECIAL STUDENTS IN ACCOUNTING AND STENOGRAPHY**—Persons wishing to take only Bookkeeping and Stenography will be admitted as special students. Certificates showing the nature of the work done and signed by the President of the

University and Director of the School will be issued to students who complete three terms of Accounting or Stenography and have credit for the English, History, and Civics required in the first preparatory year. A passing grade in Penmanship will be required of those who receive the certificate for Accounting.

**FEES**—All students pay a registration fee of \$6.00 per term. Besides this, there is an extra fee of \$5.00 per term, for Stenography. The fee for Typewriting alone is \$2.00 per term. The fee for the diploma is \$5.00, and for a certificate, \$1.00.

**POSITIONS**—The University does not guarantee positions to graduates in any of the courses. However, only a small number of those who make a good record in work and conduct have trouble in finding desirable employment. The management of the School of Commerce has always taken much interest in recommending students to places which they can fill, and no school in the country can show a larger percentage of its graduates at profitable employment. On account of the limited scholarship required in the average commercial school, its product is not in favor with progressive business men. A general culture as well as a knowledge of commercial branches is demanded of those who seek important positions. Such a course as the one outlined in this catalogue will meet the approval of those who are looking for competent help, and the young man or woman of good character who completes it will be in demand.

**COMMERCIAL TEACHERS**—High schools of all grades are organizing commercial courses. This creates a demand for competent teachers of commercial branches. The competition for these places is not strong, for many of those who are acquainted with the subjects to be taught are not eligible to high school positions on account of limited education or a lack of experience in teaching. Teachers who have had successful experience would do well to consider the commercial courses of this institution with a view to high school work. While pursuing this course they would have an excellent opportunity to study Methods in Teaching in the classes of the State Normal College of the University.

### Description of Work

Those studies in the courses which are not described below are outlined under the head of the department to which they belong.

**ACCOUNTING**—Five hours per week for two terms. Beginning classes are formed each term. Ample practice is given in the system of accounts used in the various kinds of business from retailing to modern banking. It is the aim of this course to give the student a wide acquaintance with business methods and to secure efficiency in opening and closing books, journalizing, rendering statements, tracing errors, analyzing accounts, and drawing business papers.

**OFFICE PRACTICE AND BANKING**—Five hours per week for one term and open to students who have taken Accounting. This work is on the inter-collegiate communication plan, and the transactions are with students of other colleges. The business correspondence growing out of purchases, sales, remittances, collections, making statements, and adjusting accounts, carried on with a number of advanced students in other cities, each one anxious to maintain a good record for his school must certainly develop a high grade of efficiency in all the student's work.

**COMMERCIAL LAW**—Three hours per week in the Winter and Spring terms. This work deals in a general way with the subjects of contracts, agency, partnership, corporations, sales, and negotiable paper, and is intended to give students a practical acquaintance with the fundamental principles of each. Considerable time will be spent in studying actual cases and in drawing business papers.

**CORPORATION ACCOUNTING**—Three hours per week in the Fall term and open to students who have had the Accounting outlined above.

**CORPORATION AND TRUST FINANCE**—Three hours per week in the Winter term and open to those who have had Corporation Accounting. This course deals mainly with the promotion, financing, and management of the larger business organizations.

**ACCOUNTING PROBLEMS AND SYSTEMS**—Three hours per week in the Spring term and open to those who have had a

year of Accounting. In this course systems for various businesses will be devised, criticised, and compared, and the principles of accounting will be applied to the solution of a number of difficult problems.

**COMMERCIAL SEMINAR**—One hour per week throughout the year and open to students who have had Accounting and Commercial Law. *The Bankers' Magazine*, *Journal of Accountancy*, *Business World*, and articles on commercial subjects in other magazines will form the basis of this work.

**MONEY AND BANKING**—Three hours per week in the Spring term. This course consists of a study of the origin, use, and history of money as a medium of exchange with special reference to the financial history of the United States. It includes a study of the history, utility and functions of banks, and particularly of those governed by the National Banking Act.

**COMMERCIAL GEOGRAPHY**—Four hours per week in the Winter term. The rapid expansion of our domestic and foreign commerce has made it necessary for the modern business man to inform himself as to the various natural and manufactured products which are bought and sold in the world's markets.

In this work a study is made of commercial conditions as they are found in various parts of the world as a result of certain physical and political influences, of the products of man's industries and commerce, and of the conditions of interdependence existing among different parts of the civilized world.

**STENOGRAPHY**—Students who wish to fit themselves for amenuenses work can do so by taking the first three terms of Stenography and Typewriting outlined in the Teachers' Course. It is possible for students of exceptional ability and industry to fit themselves for office positions with the first two terms of the course, although it is not recommended that they do so.

Thoroughness is emphasized in all the instruction. From the sixth week the student takes dictation for a period a day from the phonograph. This part of the course prepares students to take from dictation different forms of commercial

correspondence and legal papers, including contracts, conveyances, wills, and a variety of court pleadings. The notes are transcribed on the typewriter, and no work is accepted that does not come up to a high standard of accuracy and neatness.

The second year of the course is intended to prepare students to teach Stenography. After a careful review of the subject, with emphasis laid on the principles of outline formation, the student is drilled in advance methods of writing. A much higher speed is required and the matter dictated is of a difficult character. During the last term students are given the opportunity to become acquainted with another system of Stenography. Beginning classes are formed each term.

**TYPEWRITING**—The student's first efforts are directed to acquiring a command of the keyboard by the touch method. This is followed by extensive practice in copying correct business papers, neatness and accuracy being insisted upon from the beginning. After acquiring a sufficient mastery of the keyboard, students have daily drill in writing from the dictation of the phonograph, a practice that develops in the highest degree both speed and accuracy. Throughout the entire course of ten months daily supervision is given each student's work. All kinds of commercial and legal forms are studied, and each student is given a thorough training in general office practice, such as the use of the letter-press and carbon for record, the use of carbon and the mimeograph for manifolding, and the operation of the tabulator for billing and condensed charging. During the second and third terms a systematic study is made of punctuating and commercial correspondence, for which a credit of two hours per week is given.

The typewriter room is amply supplied with new standard machines and tabulators, and is equipped with mimeograph, letter-press, electric phonograph, and all modern, up-to-date office appliances pertaining to this work.

Beginning classes are formed each term.

**PENMANSHIP**—Students in the Commercial Course who do not write a good hand are required to take regular instruction. The modern business man demands of his bookkeeper

or clerk the ability to write rapidly and legibly. Movement is the foundation of Penmanship.

The constant aim in all exercises given is to develop plain writing with an easy, rapid movement.

## COMMERCIAL COURSE

### Preparatory

#### First Year

FALL TERM—U. S. History (5), Composition and Rhetoric (5), Arithmetic (5), Physical Geography (3).

WINTER TERM—U. S. History (5), Composition and Rhetoric (5), Arithmetic (5), Physical Geography (2).

SPRING TERM—Civics (5), English Classics (5), Algebra (5), Arithmetic (5).

#### Second Year

FALL TERM—Algebra (5), General History (5), English Classics (5), Free-hand Drawing (2).

WINTER TERM—Algebra (5), General History (5), English Classics (5), Commercial Geography (4).

SPRING TERM—Algebra (5), General History (5), English Classics (5), Free-hand Drawing (2).

#### Third Year

FALL TERM—Physiology (5), English Classics (5), Elementary Physics (5), Plane Geometry (5).

WINTER TERM—Elementary Botany (5), English Classics (5), Elementary Physics (5), Plane Geometry (5).

SPRING TERM—Elementary Botany (5), Advanced Rhetoric (5), Elementary Physics (5), Solid Geometry (5).

**COLLEGiate****FIRST YEAR****First Term**

Accounting .....	(5)
American History.....	(4)
A Modern Language or Stenography .....	(5)
Mechanical Drawing, Lettering .....	(2)

**Second Term**

Accounting .....	(5)
American History.....	(4)
Commercial Law.....	(3)
A Modern Language or Stenography .....	(5)

**Third Term**

Office Practice.....	(5)
American History.....	(4)
Commercial Law.....	(3)
A Modern Language or Stenography .....	(5)

**SECOND YEAR****First Term**

Corporation Accounting. (3)	
College Rhetoric..... (3)	
Political Economy..... (2)	
Ethics .....	(3)
A Modern Language..... (4)	
Commercial Seminar..... (1)	

**Second Term**

Corporation and Trust Finance .....	(3)
English .....	(4)
Sociology .....	(3)
Political Economy..... (2)	
A Modern Language..... (4)	
Commercial Seminar..... (1)	

**Third Term**

Office Practice..... (2)	
Money and Banking..... (3)	
Accounting Problems and Systems .....	(3)
English .....	(3)
A Modern Language..... (4)	
Seminar .....	(1)

**TEACHERS' COURSE IN STENOGRAPHY****FIRST YEAR****First Term**

Stenography .....	(5)
Typewriting .....	(2)
College English..... (3)	
American History..... (4)	
Elective .....	(3)

**Second Term**

Stenography .....	(5)
Typewriting .....	(2)
College English..... (3)	
American History..... (4)	
Elective .....	(3)

**Third Term**

Stenography .....	(5)
Typewriting .....	(2)
College English..... (3)	
American History..... (4)	
Elective .....	(3)

**SECOND YEAR****First Term**

Stenography .....	(4)
College Rhetoric..... (3)	
Introductory Psychology. (5)	
Elective .....	(5)

**Second Term**

Stenography .....	(4)
Introduction to Prin. of Education .....	(3)
Amanuensis Work .....	(2)
College English..... (3)	
Elective .....	(5)

**Third Term**

Stenography .....	(4)
Introduction to Prin. of Education .....	(3)
Amanuensis Work .....	(2)
College English..... (3)	
Elective .....	(5)

Substitutions in the above courses may be made upon the consent of the Faculty.

**COLLEGE OF MUSIC****Faculty**

ALSTON ELLIS, PH. D., LL. D.,  
*President.*

PROFESSOR JAMES PRYOR McVEY, DIRECTOR,  
*Voice, Piano, and Organ.*

MARGARET EDITH JONES, MUS. B.,  
*Piano and Harmony.*

NELLIE H. VAN VORHES,  
*Piano and Virgil Clavier.*

HEDWIG THEOBALD,  
*Voice.*

KAY M. SPENCER,  
*Voice.*

MINNIE F. CUCKLER,  
*Piano and Pipe Organ.*

JOHN N. HIZEY,  
*Violin.*

MABEL B. SWEET,  
*Instructor in Public School Music.*

This being a College of the University, its students are given the opportunity to acquire a liberal education, which is necessary for the complete rounding of a musical course. Too much stress cannot be laid upon the advantage of intimate association with a great seat of learning, having its libraries, laboratories, lectures, and classes in all the varied departments of liberal education.

**COURSES OF STUDY****Elementary Work**

Children should have instruction as early as possible, that they may cultivate the talent with which they are naturally endowed. The instruction should be the best, since without a good foundation no artistic excellence is possible. Even in the elementary department the pupils appear early in recitals, thus acquiring ease and precision.

**Preparatory Work**

Technique is carefully studied. Taste and style are cultivated and the student is taught to grasp intelligently the composition and ideal of the composer.

**Normal and Artist Department**

For those who expect to teach and those who expect to do concert or other professional work, the opportunities offered are excellent. Students of the College of Music have already gone into the different professional fields and have met with success born only of faithful study and excellent training. Special illustrated lectures on the art of teaching are given, and students from the different departments are chosen to appear before the normal classes.

The sight-singing and chorus classes give helpful training to those who expect to take up choir work or to teach music in the public schools. The frequent students' recitals and concerts, the oratorio or opera given by the College, afford ample opportunity for those who expect to become professional artists.

**Course in Piano**

GRADE 1—Theory of technic, simple exercises; little studies by Kohler, Gurlitt, Czerny, Loeschorn; elementary pieces by Clementi, Mozart, Gurlitt and others.

GRADE 2—Czerny's School of Velocity, studies by Duvernoy, Heller, Loeschorn; sonatinas of Mozart, Clementi, Kuhlan; pieces of Reinecke, Gurlitt, Heller, and Schumann.

GRADE 3—Loeschorn studies, op. 67; Czerny School of Velocity; Bach's Inventions (two-voice); Trill Studies of

Krause; Octave Studies by Jean Vogt or Kullak; Easier Studies of Cramer; Sonatas of Hadyn, Mozart, Beethoven; pieces by Lack, Godard, Chaminade.

GRADE 4—Studies by Cramer; Octave Studies of Wolff; Daily Studies, Czerny; Bach Inventions (three-voice); Sonatas, Mozart, Dussek, Beethoven; Selections from Mendelssohn, Chopin, Schubert, Schumann, Raff, Scharwenka, Godard, Chaminade, Leschetizky, Tchaikovsky, and others.

GRADE 5—Clementi's *Gradus ad Parnassum*, Tausig's daily exercises, Mason's *Touch and Technic*, Bach's *Well-tempered Clavichord*, Chopin Studies, Henselt Studies, Sonatas of Beethoven; Liszt's *Rhapsodies*; Composition of Mendelssohn, Moscheles, Chopin, Rubenstein, Raff, and others.

### Course in Vocal Culture

Individual voices differ so widely in their needs that this course can be indicated only in a general way.

GRADE 1—Lessons in breathing, voice placing, intervals, exercises for blending registers, tone-production (continued throughout the course as needed); Studies by Concone, Vaccai, and others; easy songs by American, English, and German composers.

GRADE 2—Intervals with portamento, scales, arpeggio, solfeggio; Studies in Concone, Marchesi, English, Ballads, Mendelssohn's Songs, Sacred Songs.

GRADE 3—Scale, arpeggio, turns and trills in more rapid tempo, vocalises of Concone, Marchesi, English, German, French, and Italian songs; more difficult church music.

GRADE 4—Major and minor scales, chromatic scales, Concone's Fifteen Vocalises, recitative and aria, German, French and Italian Opera, easier oratorio arias; more difficult songs of Schubert, Schumann, Greig, Jensen, Liszt, Lassen, Brahms, and others.

GRADE 5—Bravura and Caloratura singing; difficult concert songs; complete opera and oratorio with traditional rendering; special study of Creation, Redemption, Elijah, Messiah, and the Passion Music of Bach.

Students of voice expecting certificates must know enough of piano to play simple accompaniments.

**SPECIAL NOTICE**—A well-planned, thorough course in Public School Music is offered. See descriptive statement connected with the State Normal College.

### Pipe Organ Course

Students of organ must have had at least one year's work in piano.

**GRADE 1**—Stainer's Organ Primer, Merkel's Organ School, Rink's Second Book; Hymn Playing, Transposition; Theory.

**GRADE 2**—Dudley Buck's Studies in Pedal Phrasing, Rink's Third Book; easier church anthems, accompaniments; Harmony.

**GRADE 3**—Lemmon Organ School, Part I, Rink's Fourth Book; pieces by Batiste, Wely, Widor, West, Guilmant, and others; counterpoint.

**GRADE 4**—Rink's Fourth Book, Mendelsohn's organ sonatas, Bach's Fugues; accompaniments and Masses, oratorios, etc.; Counterpoint, Canon, and Fugue.

### Course in Violin

**GRADE 1**—Hermann Method—Book I, Kayser—thirty-six progressive studies, Op. 20, (Nos. 1 to 18), Easy pieces by Dancla, Papani, Bohm, Hermann, etc.

**GRADE 2**—Hermann Method—Book 2, Schradieck—Finger Exercises, Kayser—thirty-six progressive studies Op. 20, (Nos. 19 to 36), Mazas Etudes Op. 36. Selected pieces for violin and piano.

**GRADE 3**—Schradeick—Scales, Kreutzer—Etudes, Florillo—Etudes, Concertos by Rhode, De Beriot, Solos by Alard, Rode, etc.

**GRADE 4**—Schradeick—Chord studies and double stops, Rode—twenty-four Caprices, Alard—twenty-four Caprices, Op. 11, Concertos and solos by Rhode, Viotti, De Beriot, etc.

**GRADE 5**—Bach's Sonatas for violin solo, Schradieck—twenty-four studies, Op. 1. Dont Gradus ad Pernassum Etudes et Caprices Op. 15, Solos by Wieniawski, Vieux-temps, etc.

### **Harmony and Composition**

The completion of this course is required of all who expect a certificate in piano, voice, or violin. Text-books will be at teacher's discretion.

**GRADE 1**—Intervals, definitions, scales, chords in all keys, formation of the chord of the Seventh, resolution of the dominant seventh in all keys, harmonizing given basses, writing from sound, diminished sevenths, resolutions, augmented chords.

**GRADE 2**—Modulation, suspensions, writing from sound continued, open harmony, passing notes.

**GRADE 3**—Harmonizing melodies, practical harmony, improvisation, single and double chants.

**GRADE 4**—Chorals, harmonizing a given soprano, alto, tenor, and bass. Harmony in more than four parts.

A choral club meets once a week for the study of oratorio and opera.

A class in sight singing meets daily.

Students' recitals are given every two weeks, all the students in turn appearing, at the discretion of the teachers.

Examinations are held at the beginning of each term for admission to the college orchestra.

### **Languages**

No vocalist is properly prepared for his work who is not able to sing in German and French as well as in English. In this particular the advantages of this school are superior to those of any similar school of music, the University course in these tongues being open to all. Instruction is given also in the pronunciation of Spanish, Hebrew (for Synagogue singing), Latin (for Catholic church music), and Italian.

### **Band and Orchestra Instruments**

Instruction can be had in cornet, clarinet, mandolin, guitar, etc., if desired.

**Expenses, Including Registration Fee**

Piano Lessons (two per week) elementary grades.....	\$12 00
Piano " " advanced grades.....	15 00
Voice " " .....	15 00
Violin " " .....	15 00
Organ " " .....	15 00
Rent of piano, one hour per day for each term.....	2 00
Rent of organ, one hour per day for each term.....	6 00

Students of the College of Music who have paid the regular registration fee of \$6.00 are entitled to pursue other regular college work without paying additional fees.

Every student is under the rules of the University and can profit by its advantages.



THE STATE NORMAL COLLEGE  
OF  
OHIO UNIVERSITY

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FACULTY\*

ALSTON ELLIS, PH. D., LL. D.,  
*President.*

HENRY G. WILLIAMS, A. M.,  
*Dean of the State Normal College and Professor of School  
Administration.*

FREDERICK TREUDLEY, A. M.,  
*Professor of Philosophy and Sociology.*

OSCAR CHRISMAN, A. M., Ph. D.,  
*Professor of Paidology and Psychology.*

WILLIS P. GARD, A. M., Ph. D.,  
*Professor of the History and Principles of Education.*

EDSON M. MILLS, A. M., Ph. M.,  
*Professor of Mathematics.*

WILLIAM FRANKLIN COPELAND, Ph. M., Ph. D.,  
*Professor of Elementary School Science.*

HIRAM ROY WILSON, A. M.,  
*Professor of English.*

THOMAS N. HOOVER, A. B., A. M.,  
*Professor of History.*

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\* The Instructors named above teach principally in Normal-College classes. Members of the University Faculty have work, in the Normal College, of a nature indicated by the University Departments with which they are connected.

MARY ELLEN MOORE, A. B.,  
*Instructor in Latin.*

EMMA S. WAITE,  
*Principal of Training School.*

MARY JUNIATA BRISON, B. S.,  
*Instructor in Drawing and Hand-Work.*

MABEL B. SWEET,  
*Instructor of Public-School Music.*

LILLIE A. FARIS, AMY M. WEIHR, PH. M., B. PED., ELSIE S.  
GREATHEAD, WINIFRED L. WILLIAMS, MARGARET  
A. DAVIS, AND LAURA G. SMITH,  
*Critic Teachers.*

CONSTANCE TRUMAN MCLEOD, A. B.,  
*Instructor in Kindergarten Education and Principal of the  
Kindergarten School.*

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## TRAINING FOR TEACHING AT OHIO UNIVERSITY

Ever since 1886, the Ohio University has made provision for the training of teachers in its Normal Department. This owes its existence to legislation, May 11, 1886, whereby the sum of \$5,000 was appropriated for its establishment. The appropriation was accepted by the Board of Trustees and made effective through the efforts of its committee, the chairman of which was Dr. John Hancock, since deceased. This committee placed Dr. John P. Gordy at the head of the new department and its special work was entered upon in September of the same year. Two courses of study were offered, an "Elementary" and an "Advanced," and the latter was made equal to and parallel with the other college courses then existing.

At the regular session of the 75th General Assembly of Ohio, March 12, 1902, H. B. No. 369—Mr. Seese—became a law.

The State Normal College of Ohio University owes its existence to a provision of this Act. Section 2, of said Act, requires the University Board to organize "a normal school which shall be co-ordinate with existing courses of instruction, and shall be maintained in such a state of efficiency as to provide proper theoretical and practical training for all students desiring to prepare themselves for the work of teaching."

Section 4, of an Act of the Legislature, dated April 16, 1906, creates a special fund for the support of "the State Normal School or College in connection with the Ohio University." This fund is derived from a mill tax of one and one-half one-hundredths (.015) of one mill upon each dollar of all the taxable property in Ohio. The annual income thus derived amounts to about \$35,000.

The law of 1902 explicitly states that the school shall be established for the training of "*all* students desiring to prepare themselves for the work of teaching." This is surely comprehensive enough to permit the carrying on of all grades and kinds of normal-school work. In fact the language used is mandatory and contemplates the founding of a school in which the graduates of the common school, the high school, and the college shall have opportunity for "theoretical and practical training" for the work of teaching. At present, in Ohio, there are twelve times as many teachers employed in elementary schools as in high schools. Important as is the work of the high-school teacher, that of the elementary or primary teacher is, admittedly, more so. The latter work is fundamental, and upon its character depend in large measure the breadth, depth, and ultimate value of much of the work of the secondary school. Then, too, it must be kept in mind that by far the greater number of those enjoying public school advantages never, as pupils, see the inside of a high school. These considerations suggest that normal-school work should, first of all, be planned to meet the wants of those preparing for service in the elementary schools. The higher grades of academic and professional training will follow, in any right-ordered, well-rounded scheme of normal-school organization, as a matter of course.

## THE FUNCTION OF THE NORMAL SCHOOL

In a general way it may be stated that the function of a normal school is to train persons for the work of teaching. If teaching is to become a profession in the true sense, those who expect to follow it must receive special training. By professional training we mean a special training beyond mere scholarship in language, art, mathematics, science, history, etc., including special preparation and training in those lines of thought and action which have to do particularly with the teaching process. This preparation should include a broad scholastic training as a foundation upon which should be built the superstructure of special knowledge. No amount of knowledge of pedagogy will take the place of a broad culture in literature, history, science, mathematics, and other generally recognized college subjects, but this knowledge of pedagogy and related professional subjects is very essential in the equipment of a man or woman trained for the school-room.

Persons who expect to enter the profession of law, ministry, medicine, or dentistry, are first required to obtain a somewhat broad scholastic training upon which is built a professional knowledge looking to the particular profession they desire to enter. It is this special training that furnishes the equipment that makes a man a physician rather than a lawyer. In three of the professions named the state not only protects those who wish to enter the profession, but also by making statutory requirements of those who seek admission to it. Surely the work of teaching should require as much special training as that of any of the other callings named. Before a man is permitted to extract your teeth he is required to produce evidence of professional fitness, and that evidence must have state recognition. It is not so with those who pretend to teach. Not even a high school graduation is required by the laws of this state. There is absolutely no restriction as to scholarship, age, or special fitness, except as found in the judgment of the county or city examiner. Why should the training of the common school or the high school bring a person nearer the threshold of one profession than that of another? If teaching is ever to

become a profession the need of this special training must be recognized. Teaching is such a difficult, complex, and ever-changing process that more skill is required to teach a growing child as he should be taught, than to try a case before the bar of justice. To unfold the possibilities of a child's soul is a more delicate matter than the compounding of medicines or the use of the surgeon's knife. To unfold the senses, train the intellect, and direct the will of the child requires more discipline of mind and a greater breadth of view than to preach a sermon.

Approximately 26,000 teachers are necessary to supply the public schools of Ohio, 24,000 of whom are required for the elementary schools—that is, the grades below the high school in the towns and cities and the ungraded schools of township and village districts. It has been somewhat carefully estimated that about 6,000 of these teachers are new in the work each year. This means that an equal number of teachers leave the work of teaching each year. Various causes may be given for this constant changing in the personnel of the great body of teachers. Who are these 6,000 young, inexperienced teachers admitted to the school rooms of Ohio each year, armed with the protection which a teacher's certificate affords? They are usually earnest, wide-awake young men and women (or boys and girls) who are anxious to do their best—to teach according to the best models they have had presented to them. Very few are college or normal school graduates. Not a large percentage are graduates of high schools. These new teachers are usually young people, who by their own efforts, unaided or misguided, have obtained enough technical knowledge to enable them to pass a teacher's examination, but who have formed no adequate conception of the duties and responsibilities of the teacher; young people who are entirely ignorant of the great body of fundamental knowledge underlying the science and art of teaching.

Although high schools are multiplying rapidly and are growing more and more efficient year by year, yet many of these young people have never had the opportunity of high-school training. Besides, a knowledge of high-school subjects

is not required of the applicant who seeks admission to the examination for a teacher's certificate. Therefore, high-school graduation cannot wisely be made the standard of admission to our State Normal Schools so long as the laws governing the certification of teachers remain as they are at present. The state cannot wisely close her doors against these young people who seek admission to the profession, nor against that large body of teachers already enrolled in the work who have educational qualifications but little higher than the graduate of the common schools. Better training must be provided for them. The law establishing these State Normal Schools says that they shall "provide theoretical and practical training for *all* students desiring to prepare themselves for the work of teaching." The needs of the class referred to as graduates of the common schools or as those having only equivalent education, are carefully met by the course of study beginning at the point of graduation from the common schools. In this connection we desire to call attention to the three-year preparatory course leading to the regular two-year college course in Elementary Education, found elsewhere in this catalogue. Attention is also called to the fact that persons holding a teacher's certificate may complete this course in two years or less. Teachers of much experience may enter the **two-year** college course and be conditioned on preparatory work.

Much has been said and written concerning the relative strength of normal-trained and college-trained teachers. It must be admitted that a person who has learned how to do a thing can do it better than one who has not learned how. The scientific purpose of the normal school is to teach persons how to teach, but such knowledge must presuppose a knowledge of what to teach. The teacher who is to be capable of the best service should have both scholastic and professional training. It must not be forgotten that normal training is not necessarily all professional, so called. The school that can combine these two essentials in the teacher's preparation should certainly be sought. In the Normal College of Ohio University this happy combination is found. Each of the courses offers a collegiate training in academic

and culture studies in addition to the training along distinctively professional lines. All studies in the several courses in the College of Liberal Arts are now open to students of the Normal College. To be admitted to any of the regular courses in the Normal College a student must have made a preparation equal to that required for admission to any other regular college course. No one need fear that the instruction in the State Normal College will be in any sense inferior to the best instruction given in the University, as Normal College students are taught in the same classes by the same professors, and have access to all the privileges of the University.

But there are now engaged in the schools of Ohio thousands of worthy teachers who could not measure up to the ideal standard of college admission. They will give the schools more years of service than many of those who spend years in preparation. If, therefore, the purpose of the normal schools in Ohio is to provide better teaching for the children in the public schools of the state and thus give back to the people something in return for their support of the normal schools, should not the normal schools open their doors to these teachers? Such teachers are encouraged to attend the State Normal College of Ohio University where they will be carefully guided in the selection of such studies as will make them more efficient. Our duty in this matter is plain.

The attention of prospective students is invited to the several courses of study, in the State Normal College, found elsewhere in this catalogue. These courses have been prepared with much care and represent the results of a careful study of the courses in operation in all the leading normal schools in this country, together with the ripest wisdom and best judgment of those who have given many years to a study of the training of teachers. The experiences of other states have been of service in mapping out such courses of study as will best fit the local conditions, touching the needs of the great mass of the teachers, existing in Ohio.

The three-year course in Elementary Education is designed for those who have less education than that obtain-

able in a high school of the first grade, under statutory classification. Students are admitted to that year or class in this course for which their previous attainments qualify them. Persons who hold any grade of teacher's certificate will be excused from the work in the common branches in the first year of this course.

The two-year college course in Elementary Education is designed for those who have graduated from high schools of the first grade or who possess equivalent scholarship. Both courses in Elementary Education lead to a diploma from the Normal College.

*The four-year courses in Secondary Education are the equals in scholastic requirements of any other courses in the University.*

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## COURSES OF STUDY IN THE STATE NORMAL COLLEGE

FOR TEACHERS OF COUNTY SCHOOLS—Almost one-half the teachers in Ohio are required to teach the rural or country schools. The State Normal School authorities realize that these teachers usually have the most difficult of all teaching to do, because of the many grades of pupils under the instruction of a single teacher. It is also true the majority of teachers employed in the rural schools have not had educational advantages of an academic character equal to those of the town and city schools. These two facts make a double handicap for many country teachers. The State Normal School at Athens recognizes these conditions and realizes also that the people in rural communities are paying exactly the same rate of tax for the support of the State Normal Schools as are the people in the cities. These schools belong to all the people of Ohio, and the special training offered to prepare teachers to return to these country schools as teachers possessing a high-grade efficiency is given with a full knowledge of the needs of such teachers and of the conditions prevailing in the country schools. The reason so many of the graduates and trained students of the State Normal College do not return to the country schools is be-

cause the towns and cities outbid the township boards of Education and pay often from \$100 to \$400 a year more than the townships will pay for the same instruction. Sometimes this is due to the fact that the townships cannot pay more. In such a case it is the plain duty of the state to aid such township, making it possible for it to secure the services of trained teachers. It has just as much right to them as the cities.

Frequently, however, the fault is with the township board or the people, who see no difference in teachers, but who will pay inexperienced, untrained teachers as much as they are willing to offer to trained and experienced teachers. A higher ideal of the work of the teacher is needed.

But the State Normal College offers special training in all the so-called common branches for those who need further drill in these subjects to enable them to teach them better or to secure better certificates. At the same time emphasis is placed upon the methods of teaching these subjects in the country schools. Almost every teacher and professor in charge of the work in the State Normal College has had practical experience in actual teaching in the country schools, and these people have a clear and accurate vision of the actual needs and environments of the country school. Besides, it is one of the cardinal principles of the State Normal School to make constant study of rural school conditions in Ohio.

Courses are given in Orthography, Reading, Penmanship, Arithmetic, Grammar, Language Lessons, United States History, Civil Government, Geography, Physical Geography, Commercial Geography, Physiology, School Management, School Law, Theory and Practice, Grading and Organizing Country Schools, the Course of Study, Nature Study, Elementary Agriculture, and everything that a progressive country school needs. Special emphasis is placed upon the problems of country school organization and management. There is no teacher of the country school who could not be greatly helped and encouraged by attending even a single term at the State Normal School at Athens. Students may enter at any time, study whatever they wish if they are

qualified to enter the classes, and no entrance examinations are required. The dean of the Normal College will confer with students and advise them as to the studies they should pursue, but all assignments are made wholly in the interests of the student.

Students who complete this three-year course for rural teachers will be given a State Normal School certificate, showing the degree of efficiency attained. Additional studies will entitle the same students to graduation from the course in Elementary Education, for which a State Normal College diploma is granted. This course for country teachers is for students who have not had the advantage of a high school course, but who come from the common schools, possessed with ambition to win success in the teaching profession.

**FOR GRADE TEACHERS**—For teachers and students who are ambitious to teach in the graded elementary schools of the towns and cities, two courses are offered. For those who are graduates of good high schools, a two-year college course is offered, covering advanced reviews of all the common branches, each pursued in the light of the best methods of teaching the subject in the grades (by "grades" is meant the elementary school—all the work below the high school, usually divided into eight grades, or years); courses in Principles of Education, both Primary and Grammar Grade Methods, School Management, Training in Teaching, Paidology, Drawing, Music, Nature Study, English, Mathematics, the Elementary Course of Study, History of Education, History, Science, etc., but no foreign language is required in this course. It covers two years, and each graduate from this course is given a State Normal College diploma. This diploma represents as much scholarship and training as graduation from any one of the half score of highest grade state normal schools in the United States. In nearly every state such a diploma is recognized as a life diploma to teach, or at least as a state certificate to teach, and the time cannot be far distant when Ohio must so recognize the products of her own schools.

The other courses for those who seek to teach in the graded schools of towns or cities is similar to the one above

described, except that it does not require graduation from high school. Those who do not hold four-year high school diplomas are required to complete the State Normal School preparatory course, by pursuing such studies there marked out as they have not completed before entering the State Normal School. The completion of this course admits the student to the two-year Normal College course, the same as graduation from a high school of the First Grade.

FOR HIGH SCHOOL TEACHERS—The course for high school teachers is a full four-year college course, and graduates are granted the degree of Bachelor of Pedagogy, the full equivalent in scholarship and literary culture of any bachelor's degree. This course is so arranged that not less than three years of specialization shall be made by the student upon at least one collegiate subject—History, Science, Mathematics, Latin, German, Greek, or English. This renders every graduate from this course competent to teach in a highly successful degree at least one subject in secondary education. But the high school teacher is just as much in need of a knowledge of pedagogy and of training in actual teaching under skilled supervision as the teacher of the elementary school. Here is where most schools fail in the training of high school teachers. The Report of the Committee of Seventeen, on the Professional Preparation of Secondary Teachers, issued in 1908, strongly emphasizes the importance of training in observation and practice on the part of all who would teach in our high schools. It is not enough that such teachers shall know Latin and Greek and geometry and everything else they undertake to teach, but these same teachers need to be *trained to teach* these subjects. A knowledge of subject matter alone will not make a teacher of its possessor. Neither will the additional knowledge of Psychology, Principles of Education, History of Education, Methods, School Systems, Administration, etc., insure success. These will help greatly, but the crucial test of every teacher is the actual work in the class-room. For years we have emphasized the importance of the training of the elementary teacher, but have continued to accept the inexperienced, untrained college graduate as the high school teacher.

As a result there is more poor teaching done today in the high schools than in the grades of the same town or city. We need *trained* high school teachers.

Ohio University and State Normal College have a State Preparatory School for the instruction of those who have not completed a four-year high school course, and skilled teachers, nearly all of them heads of college departments, do the teaching here—in Latin, Algebra, Geometry, History, Literature, Rhetoric, Botany, Chemistry, Physiology, German, Greek, Physics, and all other secondary school subjects. Students in the State Normal College who are pursuing either the course for high school teachers or the course for superintendents are not only *permitted* to teach in these secondary subjects, but are *required* to do so, and always under the skilled instruction and guidance of the head of the department in which the teaching is done, as well as under the direction of the professor of methods and teaching. A teacher in training for high school work must show proficiency to a high degree in teaching at least one high school subject before a diploma will be granted.

Such training is invaluable, and a school that cannot offer thorough training of this nature is not fully equipped to train teachers for the high schools.

**COURSE FOR SUPERINTENDENTS**—Special attention is called to the four-year college course for superintendents and principals. It is similar to the course for high school teachers, but its chief differentiation lies in the broader training in methods, courses of study and administration. Those who pursue this course are not required to spend three years in specialization on one subject. In each of these four-year courses three-fifths of the entire course is required and two fifths may be made up of collegiate subjects selected by the student. In this way a student may pursue as electives the required subjects for the A. B. degree and by a little extra effort secure both degrees.

**FOR COLLEGE GRADUATES**—Graduates of reputable colleges may pursue a course of one year in length and receive the degree of Bachelor of Pedagogy. All the work of this course is of a professional nature and is well adapted to

meet the needs of those who desire to teach in the elementary schools or high schools or to serve as superintendents, due to the fact that all the work of this course is elective, the subjects to be chosen from groups of subjects offered. In this way a college graduate may specialize in any line or lines of work desired.

**COURSES FOR PRIMARY TEACHERS**—Very frequently a teacher desires to make special preparation for work in the First Grade, or D Primary. Excellent opportunities are offered such students. They are permitted to take special work in Primary Methods, do more than the minimum of 115 hours of teaching, take a special course in Kindergarten Methods, do special work in the matter of lesson-planning for the First Grade, and devote special attention to Nature Study, Language, Music, Drawing, etc., to fit them for positions as Special Primary Supervisors. If a teacher desires to confine her work to the work of the first four grades—that is, to the primary school as distinguished from the grammar school—opportunity is afforded for such specialization, and all the practice teaching of such pupil-teacher will be confined to the Primary Grades in the Training School. Those who desire to make special preparation for teaching in the Grammar Grades may confine their practice teaching to the Grammar Grades of the Training School.

**THE KINDERGARTEN**.—Special attention is directed to the fact that the State Normal College has opened a first-class Kindergarten, under the skilled direction and teaching of a specialist of much experience, who not only teaches the Kindergarten, but trains prospective kindergartners. This is the only State Kindergarten in Ohio, and this addition to the already wide-range course of instruction in the State Normal College comes in answer to a demand for a course of instruction that would prepare young ladies for positions as kindergarten teachers, as the kindergarten is now a part of the public school system of Ohio, and all boards may make a special levy for the support of kindergartens.

**NEW DEPARTMENT OF ELEMENTARY SCHOOL SCIENCE**.—It is with peculiar pleasure that the State Normal College announces as a new department that of Elementary School

Science, consisting of courses in Elementary Agriculture, Nature Study, Geography, Physical Geography, and Biology and Physics for the Elementary School. A specialist of broad and practical experience has been employed, a fine laboratory has been equipped, and opportunities are here offered that are not excelled in any state normal school in this country.

**THE TRAINING SCHOOL.**—The very center of a normal school is its Training School. A theory of teaching must stand the test of actual practice under normal conditions. Ever since the State Normal College at Athens was opened it has maintained a Training School. This Training School now covers work in the Kindergarten, the Primary Grades, the Grammar Grades, and the High School—the full range of teaching in public schools. This Training School consists of well-graded and closely-articulated schools of the primary and grammar grades, followed by the State Preparatory School for High School practice. Each school or grade consists of about forty children, and is a real school in every sense. The Normal College has, under its own roof and its own control, the pupils from about one-third of the city of Athens—the portion of the city in which the University is located. These, then, are all real schools, not small schools of selected children, but schools in which real conditions exist. Collectively, these schools constitute our Training School. During the first year of the student's training the Training School is used as an observation or Model School, in which the teaching is all done by the Critic Teachers, who are trained teachers regularly in charge of each room. During this first year the student or pupil-teacher takes lessons in observing the work done and in reporting on what he sees. During the second year, after the student has taken a thorough course in Methods, Psychology, Observation, and Principles of Education, he is required to teach in these schools, the work being adapted to his tastes or to the grades in which he wishes to specialize. The Training School is now to him a Practice School. This teaching is done under the guidance and supervision of the Critic Teachers and the Training Supervisor.

A similar plan is followed by those who are training for high-school positions. They observe the teaching of Physics, Botany, Algebra, Geometry, Literature, Rhetoric, Latin, German, History, and other secondary school subjects. Before graduation each candidate for a degree must teach one or more of these subjects not less than 115 hours, or lessons, and this teaching must be of such character as will be accepted by the college authorities.

## DEPARTMENT OF SCHOOL ADMINISTRATION

PROFESSOR WILLIAMS.

The general aim of this department in the Normal College is to give the student a broad and comprehensive view of the various factors in school administration, to give him a detailed and critical view of the problems of school organization, school management, school discipline, school hygiene, school architecture, the course of study, the classification and grading of pupils, and to lead him to understand school law as it relates to school administration. The courses may be briefly outlined as follows:

### 1. School Administration and School Law

This is a three-hour course for one term and includes a study (1) of School Organization under the heads of parties to the school organization, a study of existing systems, the function of the public school, the teacher as a factor in organization, etc.; (2) School Law, including a critical study and analysis of the Ohio School Laws and topical study of the relation of school law to the effectiveness of school systems; (3) School Hygiene, including school architecture, school environment, ventilation, lighting, seating, fatigue, contagious disease, defective hearing, and defective vision; (4) School Management and School Discipline, with their various problems. The Ohio School Laws will be made the basis of the work in School Law. Dutton and Snedden's "Administration of Public Education in the United States" is made the basis of this course. Much of the work, however, is in the form of a library and lecture course. Fall term, three hours.

## 2. The Elementary Course of Study

In this course of three hours for one term the great problem is to know how to shape the school to conform to the child's mental nature, how to adjust the work of the school so as to give the child at all times the amount and kind of work needed at various stages of his development, and how to determine what is of most worth in a course of study. The aim is to point out great underlying principles determining educational values, to discover the fundamental principles determining the content and order of a course of study, to discover the constant but ever-varying relation existing between what the child studies and what he is, to indicate to the teacher the positive and fixed necessity of constant articulation in the subject matter in a course of study. It is also the aim to familiarize the teacher with laws external to the course of study itself, determining what the course shall be, such as the demands of society and the laws of the child's mental development, each indicating certain lines of necessary deflection from the direction which a knowledge of the nature of the subject matter alone would indicate to the teacher. The course also includes a study of the order of subjects, concentration and corellation of subject matter, the daily program of work, the recitation, and a detailed study of the principles involved in the construction of a course of study for a school or a system of schools. In this last study the student is taken over the details of the Elementary Course of Study, and courses in Arithmetic, Language, History, Geography, and Science are written under the direction of the instructor.

The texts used as a basis in this work are Dr. Charles McMurry's "*Course of Study for Elementary Schools*," and Williams's "*Course of Study for Ohio Schools*." Fall term, three hours.

## 3. Secondary Course of Study

This course will inquire into the principles governing the selection of subjects for the Secondary Course, the order of presentation of these subjects, the purposes of secondary school training, the relation of the secondary school to the elementary school on the one hand and the college and the

technical and professional schools on the other. The particular methods of instruction demanded by the secondary school and how these methods must differ from the methods employed in lower and in higher schools, will receive careful study from the pedagogical viewpoint.

The texts used are DeGarmo's "*Principles of Secondary Education*," "*Report of the Committee of Ten*," and "*Report of the Committee of Seventeen on the Professional Training of High School Teachers*." Winter term, three hours.

#### **4. Supervision and Criticism**

This is a three-year elective, except in the Course for Superintendents and Principals, and is given during the Spring term, and occasionally repeated in the Summer term. The purpose is to cover all the leading problems of administration and supervision. For those who are preparing for the work of supervision certainly no course in the Normal College could be more valuable.

This course is wholly a library and lecture course, and the student is referred to important papers and addresses in the N. E. A. Reports, Magazines, etc. Spring term, three hours.

#### **5. School Management and School Law**

This course is a Freshman study, in all courses offered in the State Normal College, and may be taken as an elective in any other collegiate course. The aim is to give the student a knowledge of the principles underlying successful school management and discipline, and to acquaint him with the best practices of the best teachers. The organization of the school, classifications and promotions, discipline in and out of school, relation of the teacher and the school to the community, current educational reforms, the course of study, and school law, are some of the larger subjects considered. Dutton's "*School Management*" is the text used, but many of the subjects are studied topically from other standard works on the subject. Spring term, three hours.

DISTRIBUTION OF THE WORK OF THIS DEPARTMENT

OHIO UNIVERSITY

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DEPARTMENT OF THE HISTORY AND PRINCIPLES  
OF EDUCATION

PROFESSOR GARD.

Year.	Term.	Normal Preparatory.	Elementary Education.	Secondary Education.	Supervision.	College Graduates.
F. First.		Principles of Education.				
W.		Principles of Education.	3			
S.		Principles of Education.	3			
F. Second.		Grammar Grade Methods.	3			
W.		Grammar Grade Methods.	3			
S.		Grammar Grade Methods.	3			
F. Third.		History of Education.	3			
W.		History of Education.	3			
S.		History of Education.	3			
F. Fourth.		Principles of Education.	3			
W.		Principles of Education.	3			
S.		Principles of Education.	3			
Fall Term.						
		Grammar Grade Methods.	3			
		Principles of Education.	3			
		School Systems.	3			
		History of Education.	3			
Winter Term.						
		Grammar Grade Methods.	3			
		Principles of Education.	3			
		History of Education.	3			
		School Systems.	3			
Spring Term.						
		School Systems.	3			
		History of Education.	3			
		High School Methods.	3			
		History of Education.	4			
		School Systems.	3			
		History of Education.	3			

The work of the Department is four-fold. It traces the development of educational standards and institutions, sets forth the essential features of the leading systems of modern education, examines the fundamental principles of the educative process, and applies these principles to the teaching of several subjects.

I. HISTORY OF EDUCATION.—The course in the History of Education gives a connected account of the larger movements in education from ancient to modern times. Educational ideals, methods, and curricula are studied in their relation to other social and cultural changes. Greek and Roman education, educational activity during the Middle Ages and the period of scholasticism, and the development of the humanistic, realistic, naturalistic, scientific, and sociological tendencies in education receive consideration. Monroe's Text-book in "*The History of Education*" and educational classics.

II. MODERN SCHOOL SYSTEMS.—In this course a comparative study is made of the modern school systems of the United States, Germany, France, and England. Special attention is given to those features of the various systems that are of greatest significance for the prospective superintendent, lectures, class discussions, and special reports.

III. PRINCIPLES OF EDUCATION.—The course in the Principles of Education is arranged to meet the needs of two general classes of students—those pursuing the two-year course and those pursuing the four-year course.

A.—In the course in Elementary Education, chief attention is given to the educational aspects of habit, association, memory, appreciation, instinct, interest, attention, sensory and motor training, and the principles of the recitation.

Bryan's "*The Basis of Practical Teaching*," James's "*Talks to Teachers and Students*," and McMurry's "*Method of the Recitation*."

B.—The course in Secondary Education and Supervision considers the aim and nature of education both in its individual and social aspects. The first term is devoted to a consideration of the function of education and the school in biological and psychological terms, the functioning of experience in its relation to the educative process, the relation of education

to the transitional, formative, and adolescent periods of child-development, the educational values and the necessity of ideals in the educative process, and the technique of teaching.

In the second term the school is studied from the stand-point of its relations to society. Besides discussing the social relationships of the school and some tests of the product of the school, a study is made of self-organized group work in order to show the more general features of social organization in the school. Finally, some special subjects of instruction are taken up to indicate to what extent their best teaching depends upon a recognition of social facts. Bagley's "*The Educative Process*" and Scott's "*Social Education*."

#### IV. GRAMMAR-GRADE AND HIGH-SCHOOL METHODS.

A.—In the course in Grammar-Grade Methods a study is made of the fundamental principles underlying the presentation of the several common-school subjects. Special emphasis is given to the child's process of learning a subject. His process is often different from the logical one worked out by the adult. These principles are tested by their application in actual teaching. Lectures, readings, and text-book study.

B.—The course in High-School Methods is designed to acquaint the student with the most essential problems connected with teaching in the secondary schools. Attention is given to the aim of secondary education, the development of motor power in general, industrial education, manual training, gymnastics, growth of social ideals, intellectual training in the school, and moral and religious education. Lectures, readings, and text-book study.

### PAIDOLOGY AND PSYCHOLOGY

PROFESSOR CHRISMAN.

The purpose of the work in Paidology, the science of the child, is to give a knowledge of child nature. It is intended to give students what has been learned about children, to fix in them the habit of observation and study of children, and to help them to an understanding of child life under the various conditions in which it is found.

The purpose of the work in Psychology is to give a knowledge of mind action in its various conditions. It is purposed to acquaint students with such facts of mind as have been gained through various sources, to help them to a better understanding of their own mental activities, and to give them power to apply this knowledge.

In both Paidology and Psychology laboratory facilities are afforded whereby much of the work is carried on experimentally, so that not only is there opportunity given for learning the subject matter, but also for applying the work so as to give further power that will greatly aid in mental growth. In the courses in which laboratory work is done, there is a fee of fifty cents per term.

The details of the work of this Department are given herewith. All the courses give full college credit and, where not required, can be elected by students in any of the colleges of the University.

### WORK BY TERMS

#### Fall Term

**INTRODUCTORY PSYCHOLOGY**—Freshman, five hours, required in the Courses in Elementary Education.

**PAIDOLOGY (CHILDHOOD)**—Sophomore, four hours, required in the Courses in Elementary Education.

**EXPERIMENTAL PSYCHOLOGY**—Junior, four hours, required in the courses leading to the degrees of A. B., B. S., and B. Ph.

**PAIDOLOGY (ADOLESCENCE)**—Junior, three hours, required in the courses leading to the degree of B. Ped.

**ADVANCED PSYCHOLOGY**—Senior, three hours, elective.

**PAIDOLOGY (PRENATALITY)**—Senior, three hours, elective.

#### Winter Term

**PAIDOLOGY (INFANCY)**—Freshman, four hours, required in Kindergarten Course.

**PHYSIOLOGICAL PSYCHOLOGY**—Sophomore, four hours, required in the courses leading to the degree of B. Ped.

**PAIDOLOGY (BOYGIRLHOOD)**—Sophomore, four hours, required in the Courses in Elementary Education.

EXPERIMENTAL PSYCHOLOGY—Junior, four hours, required in the courses leading to the degrees of A. B., B. S., and B. Ph.

PAIDOLOGY (UNCIVILIZED CHILD)—Junior, three hours, required in the courses leading to the degree of B. Ped.

ADVANCED PSYCHOLOGY—Senior, three hours, elective.

### Spring Term

GENETIC PSYCHOLOGY—Sophomore, four hours, required in the courses in Elementary Education and in the courses leading to the degree of B. Ped.

PAIDOLOGY (ABNORMAL CHILD)—Junior, three hours, required in the courses leading to the degree of B. Ped.

EXPERIMENTAL PSYCHOLOGY—Junior, four hours, elective.

PAIDOMETRY—Senior, three hours, required in the courses leading to the degree of B. Ped.

ABNORMAL PSYCHOLOGY—Senior, four hours, elective.

ADVANCED PSYCHOLOGY—Senior, three hours, elective.

### COURSES

1. INTRODUCTORY PSYCHOLOGY—Freshman, required, Fall term, five hours. The aim of this course is to give an outline of the subject in order to acquaint the student with phenomena and laws of mental life and to train him in simple experimentation. The text-books used will be Titchener's *Primer of Psychology* and Calkin's *Introduction to Psychology*, with reference to other texts.

2. PAIDOLOGY—Freshman required, Winter term, four hours. In this course will be taken up Infancy, the first period of life after birth, a knowledge of which is so important as a foundation for the better understanding of the periods following. There will be studied both the physiological and the psychological life of the being at this time, including the diseases of infancy, the beginnings of language, volition, and motor ability, the rise and development of the senses, etc., and also the care and attention needed by the infant as a basis for future growth. The references will be works on the diseases of infancy together with such studies on growth

and development as those of Preyer, Shinn, Moore, Major, and Oppenheim.

3. GENETIC PSYCHOLOGY—Sophomore required, Spring term, four hours. Under this course will be studied and compared the psychological development as shown by the child, the race, and the animal. Works on anthropology, animal psychology, and child psychology, such as Tylor, Spencer, Wundt, Baldwin, Chamberlain, Morgan, Preyer, Tracy, and King, will furnish the material for this course.

4. PAIDOLOGY—Sophomore required, Fall and Winter terms, four hours. During the Fall term the period of childhood is taken up. The general characteristics of this period, growth, disease, the senses, mental and physical development, etc., are studied. In the Winter term this work is continued in a study of boygirlhood, in which attention is directed to the remarkable growth and the changes that take place and to the conditions, characteristics, etc., of this period of life. During these two terms observations and studies of children are carried on in the field and in the laboratory. Among the magazines referred to in this course are the *Pedagogical Seminary*, *Studies in Education*, and the *Paidologist*; among the books are Oppenheim's *Development of the Child*, Thorndike's *Notes on Child Study*, Chamberlain's *The Child*, Kirkpatrick's *Fundamentals of Child Study*, and Warner's *Study of Children*.

5. PHYSIOLOGICAL PSYCHOLOGY—Sophomore required, Winter term, four hours. In this course will be considered the problem and survey of physiological psychology, the nervous mechanism underlying mental processes, the relation of the nervous system to the mental life, and the nature of mind as shown from these studies. The works specially consulted in this course will be Wundt's *Principles of Physiological Psychology*, Ladd's *Elements of Physiological Psychology*, and McDougal's *Physiological Psychology*.

6. PAIDOLOGY—Junior required, Fall term, three hours. This term's work covers the period of Adolescence. It is intended to give a knowledge of this so important time in the life of the young, taking up the characteristics of this period, the growth and changes coming now, with the mental

and moral conditions that occur. Among the magazines used are the *Pedagogical Seminary* and the *Journal of Adolescence* and among the books are Hall's *Adolescence* and Ellis's *Man and Woman*.

7. EXPERIMENTAL PSYCHOLOGY—Junior, throughout the year, four hours, Fall and Winter terms required, Spring term elective. A study will be made of the subject matter of experimental psychology, together with demonstration of apparatus and methods of investigation, so as to familiarize students with this work; also the students will perform a series of experiments selected to furnish them practice in the use of apparatus, to acquaint them with the methods of experimental psychology, and to give them power to formulate results of experimentation. The texts used will be Angell's *Psychology*, Titchener's *Experimental Psychology*, and Sanford's *Experimental Psychology*, with references to other works on psychology.

8. PAIDOLOGY—Junior required, Winter term, three hours. Alternating courses are offered this term—in one year will come work upon the Uncivilized Child, the child as found among uncivilized and semi-civilized peoples, and in another year will be studied the Historical Child, the child as found among nations of ancient times, in medieval Europe, and earlier United States. Some of the works used will be *The Smithsonian Reports*, Bancroft's *Native Races of the Pacific States*, Kidd's *Savage Childhood*, Headland's *Chinese Boy and Girl*, Guhl's *Life of the Greeks and Romans*, Gray's *Children's Crusades*, and Earle's *Child Life in Colonial Days*.

9. ABNORMAL PSYCHOLOGY—Senior elective, Spring term, four hours. A study of mental disorders, as insanity and degeneracy, and of abnormal mental phenomena, as hallucinations, hypnoses, and speech defects. Clinics will be held at the State Hospital for the Insane, located at this place, and visits will be made to other institutions. Among the books referred to are Störring's *Mental Pathology in Its Relation to Normal Psychology*, Defendorf's *Psychiatry*, Mercier's *Insanity*, Maudsley's *Pathology of Mind*, and Bramwell's *Hypnotism*.

10. PAIDOLOGY—Junior, required, Spring term, three hours. The work here will be upon the Abnormal Child, embracing defective children, delinquent children, dependent children, wildlings, and exceptional children. Visits will be made to various institutions of the state which have to do with these classes of children. The journals and books used will be such as *The Psychological Clinic*, Wade's *Deaf-Blind*, Folk's *Care of Destitute, Neglected and Delinquent Children*, Morrison's *Juvenile Offenders*, Riis's *Children of the Poor*, and Ireland's *Mental Affections of Children*.

11. ADVANCED PSYCHOLOGY—Senior elective, throughout the year, three hours. This is essentially a laboratory course and it is a continuation of the studies of the other courses in experimental work. The problems will be of a more intensive nature than in the other courses, and where desired and where ready for such, work will be arranged for the student to do some original investigation, the results of which may be summed up in papers prepared through discussions, readings, and experiments, such investigation to go on for a term or throughout the year as the line of work may require.

12. PAIDOLOGY—Senior elective, Fall term, three hours. This study is that of Prenatality, which includes the time of the child before birth. This period will be studied to ascertain what are the conditions of life at this time, what effects are produced here, the necessary care to be given, the problems of heredity and environment, and other matters connected with this period of life, which are of such vital importance to the whole future life of the child. The works consulted are such as Hertwig, Minot and Schafer, on embryology and writings on the different phases of this period.

13. PAIDOMETRY—Senior required, Spring term, three hours. In this course it is purposed to study the growth and physical development of children, supplementing this study by laboratory work based on Hasting's *Manual for Physical Measurements of Boys and Girls*.

DEPARTMENT OF MATHEMATICS  
PROFESSOR MILLS.

**Arithmetic**

The course in Arithmetic comprises two terms' work. Accuracy and rapidity in performing the operations in the solution of problems is the first aim in the study of this subject. These accomplishments are brought about through the use of carefully prepared exercises and drills in the four fundamentals and in fractions. The text-book used in the first term's work is Milne's "*Practical Arithmetic*," and the work in this book is completed to the subject of Partial Payments. Ray's "*Higher Arithmetic*" is the text-book for the second term's work. The subjects especially emphasized in this term's work are the following applications of Percentage: Profit and Loss, Interest, True and Bank Discount, Stocks and Bonds, Commission, Exchange and Equation of Payments. Other subjects which receive especial attention are Arithmetical Analysis, Involution and Evolution, and the very important subject of Mensuration. The one important result, a proper understanding of the reason for every step necessary to the solution of a problem, is kept constantly in mind throughout all the work in Arithmetic. Forms of solution and methods of teaching receive special attention.

**Algebra**

FIRST TERM'S WORK—Well's *Secondary Algebra*.

SECOND TERM'S WORK—Well's *Secondary Algebra*. The one part of this term's work especially emphasized is the chapter on Factoring and its applications.

THIRD TERM'S WORK—Fisher and Schwatt's *Higher Algebra* is completed to Harmonical Progression. As in Arithmetic, forms of solution and methods of teaching are prominent features of the work.

**Plane Geometry**

This subject is regular in the Spring term. Lyman's *Plane Geometry* is the text-book used. In this work students are encouraged to form the habit of original investigation.

Terseness and technical accuracy of statement are constant requirements, and much emphasis is given to the application of the principles of Geometry to Arithmetic.

### **Descriptive Astronomy**

One term's work is devoted to this subject. A text-book is used, but the topical method of recitation is followed and students are encouraged to seek information from the standard works of Astronomy in the library. Students are made familiar with the Zodiacal and Circum-polar Constellations, the principal stars and planets. The University is supplied with a good telescope and all the apparatus necessary to efficient work in this study.

### **Note**

For the courses in Solid Geometry, Advanced Algebra, Trigonometry and Surveying, and electives in Mathematics, see description of courses in the College of Liberal Arts. The courses in Arithmetic and Beginning Algebra are offered each term.

### **PUBLIC-SCHOOL DRAWING**

#### **MISS BRISON**

Drawing and handwork have obtained their present place in public school courses because our most noted educators believe in their educational value. This work is taught primarily not to make artists and artisans but as a means of improving the public taste and the general culture. Learning the appreciation of the good things in nature and art from an aesthetic point of view is a pleasure to the student and often results in practical value. Training along these lines helps the individual to choose and create for himself, and thus greatly helps to bring about individuality of thought and expression. Drawing and handwork should be taught for the sake of the individual student; and his needs should form the basis of the course of study. Therefore these subjects should train the powers of observation, bring one into closer touch with nature and various products of human activity, and help one to think and express himself clearly. Hence they serve to help to adapt one to his environment.

In the following courses the work and exercises will be given with this in view; that the student may not only learn how to do the work himself, but how it should be taught to children.

In drawing, pencil, charcoal, and colored crayons are used. It is thought best to have the student familiarize himself with all of these mediums, as their use varies in the different public schools.

### **Required Work in School Drawing**

**FIRST TERM**—Elementary Composition and Designing. Object Drawing is given with particular attention to placing on the paper and general composition. Also some elementary designing is taught.

**SECOND TERM**—Mechanical Drawing and Theory of Color. This course aims to include the Mechanical Drawing necessary for teaching in the grammar grades, and deals to a certain extent with the subjects of projections and developments taught in high schools. Color scales will be made and color schemes copied from Japanese prints.

**THIRD TERM**—Theory of School Drawing. Type problems for public school grades will be worked out and provision made for observation in some of the grades in the Training School.

**HAND WORK**—A course in cardboard construction, knife work, clay modeling, Venetian iron, and raphia and reed work, planned for primary and intermediate grades but suggestive for a course for higher grades, is given in the Winter term.

### **Drawing Teachers' Course**

Courses leading to a certificate in School Drawing are offered for those who wish to teach that subject. These students will be expected to take one year each in free-hand and mechanical drawing in the departments of art and civil engineering respectively, besides the courses in drawing and hand-work in the Normal College. In most cases the drawing teacher arranges his courses in correlation with the work of the different schools in which he is teaching, therefore he has to be an originator of courses as well as teacher. Hence

it has been found necessary to require the student to take the two-year Normal Course or have a somewhat liberal education in addition to his work in drawing. Unusual advantages are offered to the students in that they are enabled to study with the different University instructors, giving a standing to their work not possible in a Normal School not connected with a university.

**DESIGN**—This course includes three terms of work. It deals with applied design and aims at underlying principles. Designs for woodwork, book covers, stencils, metal work, etc., are made.

**COMPOSITION AND METHODS**—One term.

**COMPOSITION AND SKETCHING**—Two terms. High school, elementary and grammar grade problems will be discussed. Stories and poems will be illustrated. Landscape, figure and flower composition will be attempted. There will also be sketching from the model and blackboard work.

**FREE-HAND DRAWING**—See courses in Drawing and Painting in the College of Liberal Arts.

**MECHANICAL DRAWING**—See courses in Civil Engineering in the College of Liberal Arts.

Students taking the Normal College courses leading to a degree may take the drawing course as electives, obtaining a certificate in school drawing as well as a degree at the end of the four-year course.

**DIPLOMA COURSE**—A three-year course for supervisors in public school drawing is outlined in detail in the statement of the various courses in the Normal College, on another page.

### PUBLIC-SCHOOL MUSIC

MISS SWEET.

The study of music in the public schools is no longer an experiment in the most progressive parts of our country. Its value as a mental discipline is thoroughly recognized by all the leading educators. It not only furnishes material for mental culture, but it is a source of inspiration in the performance of all other school duties. It is a great cultivator of gentleness among pupils, and no school where music study

is well directed will be disorderly, for music is order itself. One great need of our schools is thoroughly qualified teachers to direct the work in a manner that will make music a helpful force in the school room. Many schools in Ohio are without instructors in music because there are few teachers who are prepared for this work. It is hoped that many who are musically inclined and are otherwise fitted for teaching the subject will become interested in this worthy branch of instruction.

Students taking the regular Normal College Course are required to take two terms of Public School Music, first term consisting of Theory and Sight-Reading, 2; second term, Advanced Theory and Sight-Reading, 2. Any student who desires further instruction may enter the Teachers' Method Class. This term in methods is very valuable to teachers, and all are urged to take it.

A Special Music Teachers' Course has been added to the Normal College for the training of students to become teachers and supervisors of Public School Music.

Sufficient time to earn this Special Certificate is given, and admission is based upon graduation from a high school of the first grade or equivalent scholarship. Students entering without equivalent scholarship may take work in the Preparatory School.

For those without any knowledge of music two years will be necessary to complete the course, but those who have some knowledge of piano and voice may be able to complete the course in one year.

As soon as students are prepared they may begin teaching in the Training School, and as they acquire experience in teaching music in all the grades under supervision, they become experienced teachers in Public School music upon finishing the course.

For a detailed statement of this two-year course for Supervisors of Public School Music, see the Courses of Study on following pages.

**ENGLISH****PROFESSOR WILSON.****PROFESSOR COULTRAP.**

This Department aims to familiarize the student with representative masterpieces of English Literature and with its history, and to discuss the methods of teaching the subject. Written and oral expression on the part of the student is emphasized in all the work. The student is required to use the Library in the preparation of no small part of his work, that he may come in touch with books and develop the reading spirit.

The courses in Grammar take up the art and science phases of the subject, treat of the technical difficulties of construction, and deal with the methods of teaching Grammar.

Beginning with the Spring term of 1910, two courses in the Literature for the Grades will be offered. One of these will present the literary material suitable for the primary grades; the other for the grammar grades. One term's work in this subject is required in each of the shorter Normal College courses. The student may select whichever course he may prefer. Both courses will be given only in the Spring term, and will meet three times each week.

The following courses are given in the Normal College:

**Course in Elementary Education for Graduates of Common Schools****FIRST YEAR.**

Fall term, Grammar, 5; Winter term, American Literature, 5; Spring term, American Literature, 5.

**SECOND YEAR.**

Fall term, Rhetoric and Composition, 5; Winter term, Orthography and Phonics, 3.

**THIRD YEAR.**

Fall term, British Literature, 5; Winter term, British Literature, 5; Spring term, Advanced Grammar, 3; Advanced Rhetoric, 5.

**FOURTH YEAR.**

The same course as required for high school graduates; see the course below.

**Course in Elementary Education for Graduates of High Schools****FIRST YEAR.**

Fall term, English Poetry, 3; Winter term, American Poetry, 3; Spring term, Literature for the Primary Grades, 3; Literature for the Grammar Grades, 3; Advanced Grammar, 3.

**Course in Secondary Education for Graduates of High Schools****FRESHMAN YEAR.**

Fall term, English Poetry, 3.

**SOPHOMORE YEAR.**

Winter term, American Poetry, 3.

**WINTER YEAR.**

Fall term, Literary Criticism, 2.

**Course in Supervision for Principals and Superintendents**

In this Course, the requirements in this Department are the same as those given in the Course of Secondary Education for Graduates of High Schools.

**ELEMENTARY SCIENCE**

PROFESSOR W. F. COPELAND.

For the present year the work in this Department embraces four courses: Nature Study, First Year Botany, Dynamic Biology, and Second Year Botany. These studies are to be considered largely from the standpoint of the teacher and the pre-agricultural student. As the name of the Department implies, the work in Elementary Science is not to be technical but rather an attempt to acquaint the student with some of

the fundamental facts and laws relative to the natural sciences. Where the courses relate more especially to teachers, some time will be given to planning simple apparatus to show how to demonstrate many important principles at a very slight expense.

### Nature Study

The work in Nature Study until recently was confined to the Spring and Summer terms. At present this course is offered during the entire year. "Nature Study and Life," by Dr. C. F. Hodge, forms the basis for most of the work in animal and plant studies. The former studies are selected, as far as possible, from those which have some bearing on human interests, as well as being representative plants and animals. Except during the winter terms and inclement weather, this year's work will be an out-of-door study of living forms. The fall insects and plants can be studied in their fall condition and those in the spring in their proper season. Spring and fall migration of birds can be taken up in their respective terms. School garden studies are to be made a prominent feature during the course in the spring, summer and fall.

In the Winter term this course is made to include demonstrations in Physics and Chemistry. Not technical in any sense, but a study in making the common facts and some of the fundamental laws in these sciences intelligible to the pupil in the public schools.

### Dynamic Biology

This is a three-term course and continues throughout the year. This course presupposes some knowledge of plant and animal life, and for that reason fewer types but more in detail will be studied. During the Fall term much of this work will be done in the field, and will for that reason be based largely upon problems determined by local conditions. This term's work is required in the course for Superintendents and Principals.

During the Winter term this course will be a discussion of the problem of Evolution. The required work in Botany and Zoology will be necessary for admission to this course. In

addition students are advised to wait until after taking the courses in Geology and Structural Botany.

During the Spring term a study will be made of the problem of Agriculture. At least one period will be required each week in the school garden. In the recitation period most attention will be given to the theories of agriculture and especially their application in the public schools.

### **Botany**

The work in Botany will cover a period of two years. On account of the nature of the course, it is necessary to begin in the Winter and end in the Fall term. The Winter and Spring terms are preparatory and are required in all courses. The text used during these terms is "Principles of Botany," by Bergen and Davis. In brief the object in the first two terms is to acquaint the student with a study of plants in different phases. Not detailed studies, but an introduction to such studies as morphology, plant psychology, taxonomy, and distribution of plants. The third or Fall term of the first year's work will be Plant Morphology. This study will be made both in the laboratory and in the field, and will be mostly confined to comparative morphology of the non-flowering plants. The first two terms will be necessary for admission to this class.

The Botany offered during the second year will be a two-hour course, beginning in the Fall term. The year's work will be divided among the subjects of Plant Ecology, Plant Physiology and Plant Histology. The exact order will depend upon conditions, but will likely follow the order named. The required Botany and Zoology will be necessary for admission to this course.

### **AMERICAN HISTORY AND GOVERNMENT**

PROFESSOR THOMAS N. HOOVER

It is the aim in the history courses to trace the growth of the nation, and to describe the way in which the people have met and solved the problems from time to time confronting them. The courses in government deal with the actual work-

ing out of the systems of government in the United States and in England. The work for the year 1909-10 is as follows:

### **Preparatory United States History—Required**

*Fall Term*—HISTORY OF THE UNITED STATES, five hours per week.

*Winter Term*—HISTORY OF THE UNITED STATES, five hours per week.

*Spring Term*—CIVIL GOVERNMENT, five hours per week.

In the above courses in United States History, A. C. McLaughlin's *History of the American Nation* is the text.

In the Civics course, J. A. James and A. H. Sanford's *Government in State and Nation* is the text.

### **Collegiate History—Freshman**

*Fall Term*—UNITED STATES HISTORY, Colonial Period, four hours.

*Winter Term*—UNITED STATES HISTORY, 1789-1860, four hours.

*Spring Term*—UNITED STATES HISTORY, 1860-1909, four hours.

This course offers an opportunity to the student to do investigation, to handle material, and to become familiar with the writings on American History. References are given for weekly readings, and fifteen minute papers on the reading and work of the week are required. Each student is required to write one special report each term on some subject assigned.

### **Collegiate Electives**

#### **Fall Term**

CONSTITUTIONAL HISTORY, three hours.

The origin, formation, and ratification of the Federal Constitution are studied from the sources.

MODERN ENGLISH GOVERNMENT, three hours.

The actual working of the English system of Government will be carefully studied. A. Lawrence Lowell's *Government of England* will be constantly used in the course.

**Winter Term**

CONSTITUTIONAL GOVERNMENT IN THE UNITED STATES, three hours.

E. McClain's *Constitutional Law in the United States* will be the text. The decisions of the Supreme Court will be used each day.

MUNICIPAL GOVERNMENT, three hours.

This is a practical study of city government in America. F. J. Goodnow's *City Government in the United States* will be the text.

**Spring Term**

HISTORY OF POLITICAL PARTIES IN THE UNITED STATES, three hours.

J. A. Woodburn's *Political Parties and Party Problems* will be used as a text.

AMERICAN DIPLOMACY, three hours.

This course offers a study of the international relations of America, from the discoveries of Columbus to the present time, showing how America, step by step, has become a world power. A. B. Hart's *Manual of American History, Diplomacy and Government* will be used as a guide.

**TRAINING SCHOOL**

MISS WAITE, *Principal*.

The very center of a normal school is its Training School. A theory of teaching must stand the test of actual practice under normal conditions. Ever since the State Normal College of Athens was opened it has maintained a Training School. This Training School consists of well-graded and closely-articulated schools of the primary and grammar grades. Each school or grade consists of about forty children, and is a real school in every sense. The Normal College has, under its own roof and its own control, the pupils from about one-third of the city of Athens—the portion of the city in which the University is located. These, then, are all real schools, not small schools of selected children, but schools in which real conditions exist. Collectively, these schools constitute our Training School. During the first year of the

student's training the Training School is used as an observation or Model School. During the first year the student or pupil-teacher takes lessons in observing the work done and in reporting on what he sees. During the second year, after the student has taken a thorough course in Methods, Psychology, Observation, and Principles of Education, he is required to teach in these schools, the work being adapted to his tastes or to the grades in which he wishes to specialize. The Training School is now to him a Practice School. This teaching is done under the guidance and supervision of the Critic Teachers and the Training Supervisor.

Not less than 115 hours' teaching in the Training School is required. However, the students so appreciate this opportunity that most of them now teach 180 hours, and many teach 240 hours, or four full terms, making teaching a College elective, or substituting teaching for some other work.

#### THE KINDERGARTEN SCHOOL OF THE STATE NORMAL COLLEGE OF OHIO UNIVERSITY

MISS MCLEOD.

This school offers a training to young women who desire to prepare themselves for professional work as kindergartners.

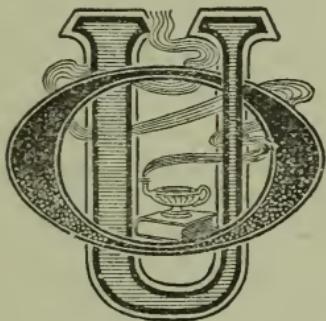
It gives opportunities also for those who do not intend to become teachers but desire this course as a means of general culture or as an aid in following other lines of work.

The Kindergarten is recognized now as a part of the educational system of Ohio. Every year new kindergartens are opened, which creates a corresponding demand for thoroughly trained kindergartners. The Kindergarten training is also an avenue to other lines of work. There is a demand for trained kindergartners as settlement workers, probation officers of juvenile courts, matrons of children's institutions, and librarians in children's departments of libraries.

The Kindergarten School of the State Normal College of Ohio University offers exceptional advantages to students because of its being an integral part of the University, so that in addition to the training in Kindergarten education,

students receive instruction in other departments of the institution. As a part of the regular work in the Kindergarten School, a kindergarten is conducted where students may observe and obtain practical experience in all branches connected with such work.

The course offered is two years in length and leads to the diploma in Kindergarten Education. This course is given in detail by terms on another page.



COURSES OF STUDY  
OF THE  
STATE NORMAL COLLEGE  
OF  
OHIO UNIVERSITY

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COURSES LEADING TO A DIPLOMA

The "Normal Preparatory Course" for graduates of common schools is designed to meet the needs of the following classes: (1) Those who have passed the Patterson Examination and are graduates of the Common Schools; (2) those who can satisfy the Faculty of qualifications equivalent to Patterson graduation, although they do not hold a diploma from the County Examiners; (3) teachers and prospective teachers who hold county or city certificates, such students being excused from all the work of the first year of the course except American Literature, Rhetoric, School Drawing, School Music, and Physical Geography, these subjects to be taken during the second and third years in addition to the studies scheduled unless the student presents evidence to warrant his being excused by the Faculty; (4) graduates of high schools of Second and Third Grades, who would be excused from such studies as they have satisfactorily completed, and who in most instances would be able to begin the course in the third and second years respectively.

Students wishing to take a foreign language will be permitted to substitute such for studies in this course under the regulations governing substitutions.

In this connection, it should be stated that courses in the Common Branches, Beginning Latin, Algebra, Rhetoric, and

a few other preparatory studies are given *each term*, although such a schedule is not shown by the tabulated courses below. This is done to accommodate students who do not enter at the beginning of the year. The Common Branches are presented from the pedagogical point of view, and constitute an important part of the professional training of those preparing to teach, as the work is directly associated with the Department of Methods and the practice Work in the Model School.

Graduates of high schools of the First Grade, from a Classical, Scientific, or English course, will be admitted with first-year rank to the two-year course for high-school graduates, or to the Freshman class of either of the four-year courses.

Grades and certificates from reputable institutions will be accepted and placed to the credit of the candidate for admission to the State Normal College.

A total minimum of 115 hours of teaching in the Training School of the State Normal College is required, but teachers of much experience and marked ability may not be held to the full time.

Those who complete the course in "Elementary Education" will be granted a Diploma. Those who complete the Normal Preparatory Course will be given a Normal School Certificate. All the hours of college work completed in these courses will be credited on the course in "Secondary Education" or course in "Supervision," which courses lead to the degree of Bachelor of Pedagogy, or as elective credits on any course in the University.

The plain figures denote the number of hours of work and credit to be given to the subject.

### NORMAL PREPARATORY COURSE First Year

FALL TERM—Grammar, 5; Physical Geography, 5; U. S. History, 3; Arithmetic, 5; School Drawing, 2.

WINTER TERM—American Literature, 5; Political and Commercial Geography, 4; U. S. History, 5; Reading, 3; School Drawing, 2.

**SPRING TERM**—American Literature, 5; Civics, 5; Penmanship, 5; Reading, 3; School Drawing, 2.

### **Second Year**

**FALL TERM**—Ancient History, 5; Algebra, 5; Physiology, 5; Rhetoric and Composition, 5; Public School Music, 2.

**WINTER TERM**—Mediæval History, 5; Algebra, 5; Botany, 5; Orthography and Phonics, 3; Public School Music, 2.

**SPRING TERM**—Modern History, 5; Algebra, 5; Botany, 5; Elementary Pedagogy, 3.

### **Third Year**

**FALL TERM**—British Literature, 5; Advanced Arithmetic, 5; Physics, 5; Psychology, 5.

**WINTER TERM**—British Literature, 5; Physics, 5; Nature Study, 4; Advanced Geography, 4.

**SPRING TERM**—Advanced Grammar, 3; Plane Geometry, 5; Advanced Rhetoric, 5; Nature Study, 4; School Management and School Law, 3.

**NOTE**—Those who complete the above course and desire to enter the following two-year courses for high school graduates, will be excused from taking Advanced Arithmetic, Advanced Geography, Advanced Grammar, two terms of Nature Study, and Freshman Psychology, but will be required to take instead Solid Geometry, Chemistry two terms, Political Economy two terms, and 100 hours of other collegiate work, or equivalent substitutes assigned by the Dean of the Normal College.

## **COURSE IN ELEMENTARY EDUCATION**

(For graduates of High Schools.)

### **First Year**

**FALL TERM**—English Poetry, 3; U. S. History, 4; Physiology, 5; Psychology, 5; School Music, 2; School Drawing, 1.

**WINTER TERM**—American Poetry, 3; U. S. History, 4; Advanced Geography, 4; Advanced Arithmetic, 5; Principles of Education, 3; School Music, 2.

**SPRING TERM**—Literature for the Grades, 3; Advanced Grammar, 3; Principles of Education, 3; Primary Methods, 5; School Management and School Law, 3; School Drawing, 1.

**Second Year**

FALL TERM—Ethics, 3; Paidology, 4; Elementary Course of Study, 3; Grammar Grade or Primary Methods, 4; Nature Study, 4; Teaching.

WINTER TERM—Sociology, 3; Zoology, 2; Paidology, 4; Grammar Grade Methods, 4; Handwork, 4; Teaching or Nature Study, 4.

SPRING TERM—Zoology, 4; Psychology, 4; History of Education, 4; Nature Study, 4; Teaching.

**COURSES LEADING TO THE DEGREE OF BACHELOR OF PEDAGOGY**

The courses in "Secondary Education" and in "Supervision" require 2,500 hours of class-room work for their completion. The required work is designated below and the student is expected to select the remaining hours from the electives offered in the various departments of the University. Students, by making judicious choice of electives—preferably after consultation with the college instructors most concerned—can easily emphasize scholarship in certain departments of study. For instance, the courses leading to a degree, require two years of study given to a foreign language. The study of such language for an additional year, or for an additional two years, may be elected by students in other terms of the course pursued. In this manner, for further example, students may complete a required course and receive therein much more than the required amount of either Latin, Greek, German, French, or Spanish, and thus graduate with such proficiency in the language studied as to be well prepared to fill the position of special teacher of that particular language. The same course can be pursued with reference to other subjects of study scheduled in any department or college of the University.

The fulfillment of regular college requirements for entrance to a course leading to a bachelor's degree will admit to the "Course in Secondary Education," but entrance to the "Course in Supervision" requires in addition at least two years of experience in teaching. Those who complete either

of these courses will be granted a diploma with the degree of Bachelor of Pedagogy.

Two Bachelor's Degrees may be earned in four years if the student will choose as his *electives* for a four-year Normal-College course only the *required* subjects of a four-year course in the College of Liberal Arts.

A total minimum of 115 hours of teaching is required, but principals and superintendents of experience who in less time are able to demonstrate their ability to teach in accordance with scientific principles will not be held to the full time.

Credit will be given on these Courses of Study for equivalent work completed in other reputable institutions.

### **COURSE IN SECONDARY EDUCATION\***

(For Graduates of High Schools)

#### **REQUIRED SUBJECTS**

##### **Freshman Year**

FALL TERM—A Foreign Language, 4; Solid Geometry, 4; English Poetry, 3; U. S. History, 4; School Drawing, 1.

WINTER TERM—A Foreign Language, 4; Algebra, 4; Invertebrate Zoology, 2; U. S. History, 4; School Drawing, 1.

SPRING TERM—A Foreign Language, 4; Plane Trigonometry, 4; Invertebrate Zoology, 4; School Drawing, 1.

##### **Sophomore Year**

FALL TERM—Ethics, 3.

WINTER TERM—Psychology, 4; Sociology, 3; American Poetry, 3.

SPRING TERM—Psychology, 4.

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\* At the beginning of the Sophomore year each student in the course in Secondary Education must elect to take a special line of work—a Foreign Language, English, Mathematics, History or Science—and before graduating from the course he shall have completed not less than 342 hours' credit in the special line elected, including any number of hours that may have been given to the subject in the Freshman Year. The student shall report such election for the special study to the Dean of the Normal College for his approval.

**Junior Year**

FALL TERM—Philosophy, 3; Paidology, 3; Principles of Education, 3.

WINTER TERM—Paidology, 3; Principles of Education, 3.

SPRING TERM—Paidology, 3; High-School Methods, 3.

**Senior Year**

FALL TERM—School Administration and School Law, 3; School Systems, 3; History of Education, 3; Teaching; Literary Criticism, 2.

WINTER TERM—Secondary Course of Study, 3; History of Education, 4; Thesis, 5; Teaching.

SPRING TERM—Paidometry, 3; History of Education, 3; Teaching.

**COURSE IN SUPERVISION**

(For Principals and Superintendents)

**REQUIRED SUBJECTS****Freshman Year**

FALL TERM—A Foreign Language, 4; Solid Geometry, 4; English Poetry, 3; Political Economy, 2; School Drawing, 1.

WINTER TERM—A Foreign Language, 4; Algebra, 4; Political Economy 2; Invertebrate Zoology, 2; School Drawing, 1.

SPRING TERM—A Foreign Language, 4; Plane Trigonometry, 4; Invertebrate Zoology, 4; Nature Study, 4; School Drawing, 1.

**Sophomore Year**

FALL TERM—A Foreign Language, 4; Ethics, 3; Dynamic Biology, 3.

WINTER TERM—A Foreign Language, 4; Psychology, 4; Sociology, 3; American Poetry, 3.

SPRING TERM—A Foreign Language, 4; Psychology, 4.

**Junior Year**

FALL TERM—Philosophy, 3; Paidology, 3; Principles of Education, 3; School Administration and School Law, 3.

WINTER TERM—Paidology, 3; Principles of Education, 3; Methods, 3.

SPRING TERM—Paidology, 3; Methods, 3.

### Senior Year

FALL TERM—Elementary Course of Study, 3; Foreign and Domestic School Systems, 3; History of Education, 4; Literary Criticisms, 5; Teaching.

WINTER TERM—Secondary Course of Study, 3; School Systems, 3; History of Education, 4; Thesis, 5; Teaching.

SPRING TERM—Supervision and Criticism, 3; Paidometry, 3; History of Education, 3; School Systems, 3; Teaching.

### ONE-YEAR COURSE

(For College Graduates)

Those who complete this Course of Study will be granted a diploma with the degree of Bachelor of Pedagogy.

Students shall elect the grade of practice teaching desired, under the direction of the Dean of the Normal College. One hundred and fifteen hours of teaching are required, but those who are able to demonstrate their ability to teach in accordance with scientific principles may not be held to the full time, but such of this time as is not devoted to teaching must be filled with some of the other work given below.

Residence work will be required.

Students will select not less than seventeen hours a week from the following:

FALL TERM—School Administration and School Law, 3; Elementary Course of Study, 3; History of Education, 4; Paidology, 3; Principles of Education, 3; Grammar Grade Methods, 3; School Systems, 4; Paidological Laboratory, 1; Thesis, 1; Teaching.

WINTER TERM—Secondary Course of Study, 3; History of Education, 4; Paidology, 3; Principles of Education, 3; Grammar Grade Methods, 3; High-School Methods, 3; School Systems, 3; Paidological Laboratory, 1; Thesis, 1; Teaching.

SPRING TERM—Supervision and Criticism, 3; History of Education, 3; Paidology, 3; High School Methods, 3; Paid-

ometry, 3; School Systems, 3; Paidological Laboratory, 1; Thesis, 1; Teaching.

GENERAL NOTE:—Persons who do not desire to pursue any of the regular courses above outlined may select such studies as they deem best suited to their needs, provided they are qualified by reason of previous preparation to pursue them.

Persons who are high school graduates, but not college graduates, and have but one year to give to preparation for teaching, are urged to take the studies scheduled in the first year of the "Two-Year Course."

### DRAWING TEACHERS' COURSE

Courses leading to a Certificate in School Drawing are offered for those who wish to teach that subject. These students will be expected to take one year each in free-hand and mechanical drawing in the departments of art and civil engineering respectively, besides the courses in drawing and hand-work in the Normal College. In most cases the drawing teacher arranges his courses in correlation with the work of the different schools in which he is teaching. Therefore he has to be an originator of courses as well as a teacher. Hence it has been found necessary to require the student to take the two-year Normal Course or have a somewhat liberal education in addition to his work in drawing. Unusual advantages are offered to the students in that they are enabled to study with the different University instructors, giving a standing to their work not possible in a Normal School not connected with a university.

DESIGN—This course includes three terms of work. It deals with applied design and aims at underlying principles. Designs for wood work, book covers, stencils, metal work, etc., are made.

COMPOSITION AND METHODS—One term.

COMPOSITION AND SKETCHING—Two terms. High school, elementary, and grammar grade problems will be discussed. Stories and poems will be illustrated. Landscape, figure, and flower compositions will be attempted. There will also be sketching from the model and blackboard work.

**MECHANICAL DRAWING**—See course in Civil Engineering in the College of Liberal Arts.

Students taking the Normal College Courses leading to a degree may take the drawing course as electives, obtaining a certificate in school drawing as well as a degree at the end of the four-year course.

**COURSE LEADING TO A DIPLOMA IN ELEMENTARY EDUCATION AND A CERTIFICATE FOR TEACHING SCHOOL DRAWING**

**First Year**

The work of this year will be the same as designated under the course for Elementary Education as found in this catalogue.

**Second Year**

**FALL TERM**—Ethics, 3; Paidology, 4; Advanced Drawing, 2; Grammar Grades Methods, 4.

**WINTER TERM**—Paidology, 4; Hand-work, 4; Advanced Drawing, 2; Grammar Methods, 4; Teaching.

**SPRING TERM**—Psychology, 3; History of Elementary Education, 4; Observation, 2; Hand-work, 2; Teaching.

**Third Year**

**FALL TERM**—Elementary Course of Study, 3; Designing, 2; Mechanical Drawing, 2; Composition and Methods, 5; Teaching.

**WINTER TERM**—Sociology, 3; Zoology, 2; Composition and Sketching, 5; Designing, 2; Mechanical Drawing, 2; Teaching.

**SPRING TERM**—Zoology, 4; School Management and School Law, 3; Designing, 2; Mechanical Drawing, 2; Composition and Sketching, 5; Teaching.

**COURSE LEADING TO A CERTIFICATE IN SCHOOL DRAWING**

**First Year**

The work of this year is the same as in the courses for the Freshman year in the College of Liberal Arts or the Normal

College, except that the school drawing given in the first year Normal work should come into either course.

### Second Year

FALL TERM—Ethics, 3; or College Rhetoric, 3; Advanced Drawing, 2; Designing, 2; remaining hours elective making not less than 17 hours each term.

WINTER TERM—Psychology, 4; Advanced Drawing, 2; Designing, 2; Hand-Work, 4; remaining hours elective.

SPRING TERM—Psychology, 3; Observation, 2; Designing, 2; Hand-Work, 2; remaining hours elective.

### Third Year

FALL TERM—Principles of Education, 3; Composition and Methods, 5; Mechanical Drawing, 2; Teaching; remaining hours elective.

WINTER TERM—Principles of Education, 3; Composition and Sketching, 5; Mechanical Drawing, 2; Teaching; remaining hours elective.

SPRING TERM—Composition and Sketching, 5; Mechanical Drawing, 2; Teaching; remaining hours elective.

## DIPLOMA COURSE IN PUBLIC-SCHOOL MUSIC

### First Year

FALL TERM—Voice, 2; Piano, 2; Psychology, 5; First Theory, 2; First Harmony, 2; Music Methods, 3; Physical Culture, 1; Observation, 1.

WINTER TERM—Voice, 2; Piano, 2; Psychology, 5; Second Harmony, 2; Second Theory 2; Music Methods, 3; Physical Culture, 1; Observation.

SPRING TERM—Voice, 2; Piano, 3; Psychology, 5; Third Harmony 2; Music Methods, 2; School Management, 3.

### Second Year

FALL TERM—Voice, 2; Piano, 2; Paidology, 4; Fourth Harmony, 2; Music Methods, 3; Physical Culture, 1; Teaching, 3.

WINTER TERM—Voice, 2; Piano, 2; Paidology, 4; Music Methods, 3; Physical Culture, 1; Principles of Education, 3; Teaching, 3.

SPRING TERM—Voice, 2; Piano, 2; Music Methods, 3; Principles of Education, 3; Teaching, 3; Elementary Course of Study, 3.

## DIPLOMA COURSE IN KINDERGARTEN EDUCATION

### First Year

FALL TERM—Kindergarten Theory and Activities, 3; Nature Study, 4; Psychology, 5; English Poetry, 3; Physical Culture, 1; Observation or Practice, 3.

WINTER TERM—Kindergarten Theory and Activities, 3; Nature Study, 4; Paidology, 4; American Poetry, 3; Principles of Education, 3; Physical Culture, 1; Observation or Practice, 2.

SPRING TERM—Kindergarten Theory and Activities, 3; Nature Study, 4; Principles of Education, 3; Physical Culture, 1; Obervation and Practice, 3; Electives, 4.

### Second Year

FALL TERM—Kindergarten Theory and Activities, 3; School Music, 2; Paidology, 4; School Drawing, 1; Ethics, 3; Physical Culture, 1; Practice, 5.

WINTER TERM—Kindergarten Theory and Activities, 5; School Music, 2; School Drawing, 1; Sociology, 3; Hand-work, 4; Physical Culture, 1; Practice, 3.

SPRING TERM—Kindergarten Theory and Activities, 3; School Management and School Law, 3; School Drawing, 1; History of Education, 4; Physical Culture, 1; Practice.

## EXPLANATIONS

KINDERGARTEN THEORY AND ACTIVITIES—Under the head of Kindergarten Theory and Activities are included all those courses which pertain especially to Kindergarten education, such as the following:

FROEBEL'S "MOTHER PLAY"—A study of this work with reference to other writings of Froebel. Educational laws and life-truths are presented and insight gained into child life.

PROGRAM CONSTRUCTION—A study and discussion of the different divisions of Kindergarten work with the planning of programs for definite periods.

STORIES—A study of typical stories and of the principles governing their selection with practice in story telling.

GIFTS AND OCCUPATIONS—Theory and practice in the use of the Kindergarten play material, known as the gifts, and the Kindergarten occupations, or hand-work.

RHYTHM, SONGS AND GAMES—A study of these with the principles underlying them.

OBSERVATION AND PRACTICE TEACHING—In the Kindergarten and also observation in the Primary School, both under supervision.

**THE STATE PREPARATORY SCHOOL**

FLETCHER S. COULTRAP, *Principal.*

This School is designed to prepare students for the regular courses of the University and the State Normal College. Students are also received who wish to pursue elementary studies, even though they may have no intention of entering one of the higher courses.

Candidates for admission to this department must furnish satisfactory evidence of good character, and must pass examination in all studies of the courses lower than those which they wish to pursue. Students who expect to graduate from the Normal College must give evidence that they are thoroughly familiar with the common school branches.

There are three preparatory courses, Classical, Philosophical, and Scientific, each requiring four years for completion, and each leading to a corresponding course in the collegiate department. For the benefit of those who wish a more thorough preparation for their work, classes in Arithmetic, Elementary Algebra, and English Grammar will be organized at the beginning of each term.

**COURSES OF STUDY IN DETAIL****Latin**

FIRST TERM—Collar and Daniell's *First Year Latin*.

SECOND AND THIRD TERMS—D'Ooge and Daniell's *Second Year Latin*. Especial stress is laid on inflections and composition.

SECOND YEAR—Caesar's Commentaries, and Latin Prose Composition.

THIRD YEAR—Cicero's Orations. At least six Orations are read, including the four against Catiline. A careful study of forms and Syntax is an important part of this year's work.

FOURTH YEAR—Virgil's Aeneid, Books I-VI. Grammar reviews, scansion, and mythology. Latin Prose composition.

**Greek**

FIRST AND SECOND TERMS—White's Beginners's *Greek Book* with particular reference to inflections and sentence writing.

THIRD TERM—Xenophon's *Anabasis*. Grammatical reviews and translation into Greek of easy prose.

### Preparatory English

#### FIRST YEAR

FALL TERM—Composition and Rhetoric. Elementary work in the theme, the paragraph, the sentence.

WINTER TERM—Composition and Rhetoric. Work in narration, description, exposition, and argumentation.

SPRING TERM—History of American Literature, with collateral readings. Text-book work. Wendell and Greenough's book.

#### SECOND YEAR

FALL TERM—Classics from American Literature: Poe, Bryant, Webster, Franklin, Irving, Cooper, Washington, Thoreau.

WINTER TERM—Classics from American Literature: Emerson, Holmes, Whittier, Longfellow, Lowell, Hawthorne, Burroughs, Aldrich. Short stories.

SPRING TERM—History of English Literature, with collateral readings. Text-book work, Halleck.

#### THIRD YEAR

FALL TERM—Classics from English Literature: Milton's Minor Poems, Pope's *Rape of the Lock*, Merchant of Venice, Julius Caesar, Hamlet, Macbeth, The Tempest, Selections from Goldsmith, Rasselas.

WINTER TERM—Sheridan, Coleridge, Wordsworth, Burns, Carlyle, Macaulay, George Eliot, Tennyson.

SPRING TERM—Advanced Composition and Rhetoric; the study of paragraph writing and of diction. Text, Hill's Principles of Rhetoric.

### German

FIRST TERM—German Grammar. Study of forms and composition. Conversation based on Newson's First German

\* In all the courses in Literature written appreciations of the classics studied and reports upon the collateral reading will be required.

Book (the new edition of Alge's *Leitfaden*), in connection with Hoelzel's charts on the seasons.

**SECOND TERM**—Study of Syntax. Reader and Review of Grammar. Some short modern story, such as Storm's *Immensee* and composition based thereon. Conversation as in first term.

**SPRING TERM**—Composition based on story read. Schiller's *Wilhelm Tell*, and, if possible, some short story or comedy. Conversation continued.

This course is for students who offer no credit in German for entrance and begin the study of German. For students who have had one year of high school work in German, the following work is offered.

**FIRST TERM**—Review of Grammar. Conversation, based on Newson's German Course and Hoelzel's charts. Reading of one or two modern stories with composition based on the text read.

**SECOND TERM**—Conversation and composition as above. Storm's *Immensee* and Schiller's *Der Neffe als Onkel*.

**THIRD TERM**—Schiller's *Wilhelm Tell*. Composition based on the text, and conversation.

### **French**

Students taking the Scientific Course may substitute French and German for all or a part of Latin. As to the work in French, consult the Department of French in another part of the catalogue.

### **Mathematics**

**ALGEBRA**—A good working knowledge of the fundamentals extending into factoring, greatest common divisor, least common multiple, fractions, equations containing one unknown, also two or more unknowns, simultaneous equations of first and second degrees, illustrated by problems leading to these; indeterminate linear equations, evolution, inequalities, surds, imaginary and complex numbers, quadratic equations, higher equations, ratio, proportion, variation, and arithmetical and geometrical progression.

GEOMETRY—PLANE AND SOLID—The usual five books of Plane Geometry as given in the better and fuller text-books, including the solutions of numerous original examples in illustration of the theory; also the usual books in Solid Geometry on lines and planes in space, polyhedrons, cylinders, and curves, and the sphere with a great variety of original exercises. Texts, Well's *Algebra for Secondary Schools*, Fischer and Schwatt's *Higher Algebra*, Lyman's *Plane and Solid Geometry*.

### Physics

Three terms in the fourth year. Recitations three times a week. Laboratory work, four hours a week. Graduates of First Grade high schools who have studied such texts as *Carhart and Chute* or *Millikan and Gale* will receive full credit for their class work. If in addition they present notebooks showing that at least forty experiments have been performed and carefully written up, they will receive full credit for the course without condition.

The first term is devoted to Properties of Matter, Laws of Motion, Mechanics of Solids, Liquids, and Gases, and Heat. The second term to Magnetism and Electricity, and Light. The third to Sound, and a general review of the work of the two preceding terms. One of the above texts will be used in the class, and the manual of *Atkinson and Evans* as a laboratory guide.

### Physical Geography

This subject is required in all the courses. A standard text-book is studied for a term.

### Physiology

The text-book is Hough and Sedgwick's *The Human Mechanism*.

The aim is to give a good general knowledge of Anatomy and Hygiene and of the functions of the different organs of the body. A large amount of laboratory work is done.

**Botany**

Two terms, five hours per week.

Field and laboratory work are a leading feature in this course. Each student will prepare a herbarium of not less than forty plants. Bergen and Davis's *Principles of Botany* is the text.

**U. S. History**

Two terms, the first of three hours per week, and the second of five hours per week. Text-book, McLaughlin's *History of the American Nation*.

**Civics**

The fundamental principles of the subject are carefully explained, while at the same time the practical operation of the different local and state systems are compared. Especial attention is given to the government of Ohio. The growth of our national system is thoroughly investigated.

**General History**

This subject is pursued three terms in the Second Preparatory Year.

FIRST TERM—Ancient History.

SECOND TERM—Medieval History.

THIRD TERM—Modern History.

The aim is to give the student a general acquaintance with the leading persons, and the institutions, political and religious, with the literary and artistic movement; in general, with the progress of civilization in its broader aspects. The method employed will be the text-book, references to more comprehensive works, essay-writing, map-drawing and lectures by the teacher.

**Drawing**

Required in all three courses. Two hours in the studio are considered equivalent to one recitation.

**CONSPECTUS OF PREPARATORY COURSES**

It will be noted that the preparatory studies for the Philosophical and Scientific courses are identical. However, in the

Scientific Course, all or a part of the Latin may be substituted by an equivalent in French or German. The figure indicates the number of recitations per week.

### FIRST YEAR

#### Fall Term

##### CLASSICAL

Beginning Latin.....	5
U. S. History.....	5
Composition and Rhetoric. 5	

##### PHILOSOPHICAL AND SCIENTIFIC

Beginning Latin.....	5
U. S. History.....	5
Composition and Rhetoric. 5	

#### Winter Term

Second Latin.....	5
U. S. History.....	5
Composition and Rhetoric. 5	

Second Latin.....	5
U. S. History.....	5
Composition and Rhetoric. 5	

#### Spring Term

Third Latin.....	5
Civics .....	5
English Classics.....	5

Third Latin.....	5
Civics .....	5
English Classics.....	5

### SECOND YEAR

#### Fall Term

Caesar .....	5
General History.....	5
Freehand Drawing.....	2
Physical Geography.....	3
English Classics.....	5

Caesar .....	5
General History.....	5
Freehand Drawing.....	2
Physical Geography.....	3
English Classics.....	5

#### Winter Term

Caesar .....	5
General History.....	5
Freehand Drawing.....	3
Physical Geography.....	2
English Classics.....	5

Caesar .....	5
General History.....	5
Freehand Drawing.....	3
Physical Geography.....	2
English Classics.....	5

#### Spring Term

Caesar .....	5
General History.....	5
English Literature.....	5
Algebra .....	5

Caesar .....	5
General History.....	5
English Literature.....	5
Algebra .....	5

**THIRD YEAR****Fall Term**

Cicero	{	5	Cicero	{	5
Latin Prose	}		Latin Prose	}	
Physiology	.....	5	Physiology	.....	5
Algebra	.....	5	Algebra	.....	5
English Literature	.....	5	English Literature	.....	5

**Winter Term**

Cicero	{	5	Cicero	{	5
Latin Prose	}		Latin Prose	}	
Elementary Botany	.....	5	Elementary Botany	.....	5
Algebra	.....	5	Algebra	.....	5
English Literature	.....	5	English Literature	.....	5

**Spring Term**

Cicero	{	5	Cicero	{	5
Latin Prose	}		Latin Prose	}	
Elementary Botany	.....	5	Elementary Botany	.....	5
Algebra	.....	5	Algebra	.....	5
Advanced Rhetoric	.....	5	Advanced Rhetoric	.....	5

**FOURTH YEAR****Fall Term**

Vergil and Latin Prose....	5	Vergil and Latin Prose....	5
Beginning Greek.....	5	German .....	5
Elementary Physics.....	5	Elementary Physics.....	5
Plane Geometry.....	5	Plane Geometry.....	5

**Winter Term**

Vergil and Latin Prose....	5	Vergil and Latin Prose....	5
Second Greek.....	5	German .....	5
Elementary Physics.....	5	Elementary Physics.....	5
Plane Geometry.....	5	Plane Geometry.....	5

**Spring Term**

Vergil and Latin Prose....	5	Vergil and Latin Prose....	5
Third Greek.....	5	German .....	5
Elementary Physics.....	5	Elementary Physics.....	5
Solid Geometry.....	5	Solid Geometry.....	5

## SUMMER SCHOOL OF OHIO UNIVERSITY, ATHENS, OHIO

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For 1909.....June 28-August 6.  
For 1910.....June 20-July 29.

### GENERAL INFORMATION

ATTENDANCE STATISTICS—The attendance of students at the Summer School of Ohio University for the last nine years is herewith shown:

Year	Men	Women	Total
1900.....	36.....	29.....	65
1901.....	45.....	57.....	102
1902.....	110.....	128.....	238
1903.....	159.....	264.....	423
1904.....	194.....	363.....	557
1905.....	220.....	430.....	650
1906.....	207.....	449.....	656
1907.....	236.....	442.....	678
1908.....	236.....	387.....	623

The figures given above do not include the number of pupils enrolled in the Training School, or the number of School Examiners, Principals, and Superintendents who attended the "Conferences in School Administration" held the next to the last week of the term.

In 1908 the students came from seventy counties of Ohio, and from the following states and countries: California, Kentucky, Maryland, Massachusetts, Missouri, New York, Oregon, Pennsylvania, West Virginia, China, and Japan.

NEEDS CONSIDERED AND COURSES OFFERED—In arranging the courses of study for the Summer School of 1909, the University has considered the needs of *all classes of teachers* and those preparing to teach. Courses are offered in many

lines of college work also. Many college students who wish to strengthen themselves in various studies pertaining to their course have availed themselves of the advantages of the Summer School. About one hundred and thirty courses are offered. Teachers and others seeking review or advanced work should plan early to attend the session of 1909.

**FACULTY**—A Faculty of forty members will have charge of the instruction. Please to note that all the instructors, with few exceptions, are regularly engaged in teaching in Ohio University. Those who enroll in the Summer term are thus assured of the very best instruction the University has to offer.

**SELECTED WORK**—Why not examine the catalogue and determine now the course you wish to pursue, and then begin at once to work out *systematically* the studies of that course? If you are a teacher of experience, or if you have had previous collegiate or high-school training, you will doubtless be able to do at home, under our direction, some systematic reading and study.

**COURSES OF STUDY**—Summer School students should decide upon a regular course of study to be pursued systematically. Credits and grades from other schools should be filed with the President of the University, thus enabling the student to secure an *advanced standing*. Work begun during the Summer term may be continued from year to year, and much work may be done at home, by advanced students, under the direction of the various heads of University departments. *College credit will not be given for home work. A diploma from the State Normal College should be the goal of every ambitious teacher.*

**WHAT ATHENS CAN DO**—Athens can easily accommodate a large number of students. At the close of the first day of the Summer term of 1908, every student had been eligibly located. Accommodations for at least 250 additional students were available.

**FREE LECTURES**—Arrangements have been made for a series of nine, day and evening, free lectures to be delivered in the Auditorium of the University within the period covered by the Summer term.

TEACHERS' CONFERENCE—At least six conferences—two hours each—will be held the fifth week. These will be led by members of the Faculty and others familiar with the working of the public schools and experienced in school methods and management.

OHIO SCHOOL LAWS—Particular attention will be given to the provisions of Ohio's *new school code*. A series of informal "talks" on some of the most interesting features of the present Ohio School Law will be given. Classes in School Administration will consider the provisions of the entire school code.

LABORATORIES, ETC.—The laboratories, museums, art studios, library, and gymnasium of the University will be accessible to students *free of charge*. The *new* gymnasium is one of the finest and best equipped buildings of the kind in Ohio. In hot weather the natatorium will have strong attraction for students.

TEXT-BOOKS—All text-books will be supplied at the *lowest prices* possible. Students should bring with them as many supplementary texts as convenient.

REVIEWS—Ample provision has been made for the needs of young teachers, and those preparing for examinations, by means of *thorough reviews* in all the studies required in city, county, and state examinations. Students preparing to teach, or preparing for any advanced examination, will find excellent opportunities at Athens.

SPRING TERM REVIEWS—The Spring term of Ohio University will open Monday, April 5, 1909, and close Thursday, June 24, 1909. On Monday, May 3, 1909, *new review classes* will be formed as follows: Arithmetic, Grammar, Geography, United States History, English Literature, General History, Physiology, Physics, Botany, and Theory and Practice of Teaching. Instruction in these subjects will be necessarily general, but as thorough as time will permit. These classes are formed for teachers and prospective teachers who are preparing for the *inevitable examination*. Scholarship is not acquired by such work; it is recognized as a kind of *necessary evil*. A clear knowledge of the nature of the *uniform examination questions* used in Ohio will guide those giving instruc-

tion. Until Ohio adopts a more sane and consistent system of examining and certificating teachers, those teaching or expecting to teach will appreciate the value of such favorable opportunity for review work. These classes can be entered to advantage any time prior to June 1, 1909. Only a *just portion* of the usual term fee of \$5 will be charged students who enter at the time of the forming of these special classes or later. If demand is sufficiently strong, review classes *may* be formed in Plane Geometry, Elementary Algebra, Elementary Chemistry, Latin, German, and some other subjects. However, *none of this work is promised.*

**PRIMARY TEACHERS**—Special attention is called to the fact that the Training School, or Model School, will be in session during the Summer term. In this school emphasis is placed upon the training of primary teachers. Almost every teacher in the rural schools has primary classes to instruct. City teachers will also find this course *especially* valuable. *Every teacher* of the rural schools will have an opportunity to receive instructions in the best methods of teaching as applied to primary schools.

**EXPENSES**—No tuition will be charged. The registration fee of \$3.00 will entitle students to all the privileges of the University, save special instruction in private classes. Boarding in clubs, per week, costs from \$2.25 to \$2.50, and in Boyd Hall and Women's Hall, \$2.50. A student may attend the Summer School six weeks and pay all expenses, except the railroad fare, on from \$25.00 to \$30.00. By observing the strictest economy, less than this would be required.

**AMPLE ACCOMMODATIONS**—No school town can offer better accommodations at more reasonable prices than Athens. Nicely furnished rooms, in private houses, *convenient to the University*, may be rented for \$1.00 a week, including light, bedding, fuel, towels, and everything needed by the roomer. This rate is given where two students occupy the same room. If occupied by one student, such rooms usually rent for \$1.25 a week. It is safe to say that four-fifths of the rooms rented to students are rented from \$0.75 to \$1.00 each per week.

**WOMEN'S HALL AND BOYD HALL**—These two buildings will accommodate about 125 women students. They are owned

by the University and the rooms are of good size and well furnished. Students securing quarters here will pay from \$3.25 to \$3.50 per week for board and lodging. Students wishing rooms in these buildings should engage them in advance. Such rooms will be in demand. Write to Miss Birdine Stanley, Dean of Women. Students who do not wish to engage rooms in advance will experience no trouble in getting *promptly located*. Eight hundred students can find desirable accommodations in Athens.

**SCHEDULE OF RECITATIONS**—The following schedule of recitations enables one to see the wide range of subjects, and also make it possible for the prospective student to arrange his program before he reaches Athens. The figures after the subject indicate the number of recitations a week. It must be remembered that no student will be allowed to register for advanced work in more than two or three subjects, for no one is allowed more than 120 hours of credit. Of course, in subjects for which credit is not given, such as elementary review subjects, a student may take more than two or three courses. However, after a long experience the University authorities have come to the conclusion that the student who confines his attention to two or three courses will get the most benefit from the Summer School.

**SCHEDULE OF RECITATIONS OF THE SUMMER SCHOOL OF OHIO UNIVERSITY—JUNE 28, 1909, TO AUGUST 6, 1909—**(The figures in parenthesis indicate the number of recitations per week.)

**7:00 A. M.**

Ray's Higher Arithmetic, Section 1.....	(5)
First Term Physics.....	(5)
Paidology—Childhood .....	(5)
Zoology, Collegiate, Laboratory, Mon., Tues., and Wed..	(3)
Qualitative Analysis, Second Term.....	(5)
History of Education.....	(5)
Vergil .....	(5)
Milne's Practical Arithmetic.....	(5)
Public-School Drawing, First Year.....	(5)
Byron, Keats, and Shelley.....	(5)
English Poetry .....	(5)
Ancient History, Preparatory.....	(5)
Elementary School Science, Collegiate.....	(5)

## 7:50 A. M.

Modern History, Preparatory.....	(5)
English Literature, Preparatory, Section 1.....	(5)
First Term Algebra.....	(5)
Zoology, Collegiate, Laboratory, Mon., Tues, and Wed..	(3)
First Term Chemistry.....	(6)
Advanced French .....	(5)
Principles of Education, Course I.....	(5)
Public-School Drawing .....	(5)
Advanced Typewriting .....	(5)
Paidology—Adolescence .....	(5)
Elementary Course of Study.....	(5)
Second Term Latin.....	(5)
Advanced Preparatory Rhetoric.....	(5)
Advanced Physics .....	(5)
Political Parties, Collegiate.....	(5)
Teaching .....	

## 8:40-9:00 A. M., Chapel

## 9:00 A. M.

School Administration and School Law.....	(5)
Second Term Algebra.....	(5)
Third Term Algebra.....	(5)
Elementary Physics—Laboratory .....	(5)
United States History, Review.....	(5)
Elementary Psychology .....	(5)
Nature Study—Laboratory, Saturday.....	(1)
Shakspere .....	(5)
Advanced German .....	(5)
Cæsar .....	(5)
First Accounting .....	(5)
Advanced Grammar .....	(5)
Public-School Drawing .....	(5)
American Literature, First Term Preparatory.....	(5)
Manual Training .....	(5)
Music in Training School.....	
Teaching .....	

## 9:50 A. M.

Cicero de Senectute et de Amicitia.....	(5)
Plane Geometry .....	(5)
Elementary Physics—Laboratory .....	(5)
Nature Study—Laboratory, Saturday.....	(1)
Elementary Physiology .....	(5)
Organic Chemistry .....	(5)
Principles of Education, Course II.....	(5)

Grammar—Reed and Kellogg, Section 1.....	(5)
Conferences on Primary Methods for Graded and Un- graded Schools .....	(5)
Second Accounting .....	(5)
Methods in Geography, Collegiate.....	(5)
Civics, Preparatory .....	(5)
Elementary Botany, First Term.....	(5)
Manual Training .....	(5)
Music in Training School.....	
Teaching .....	

## 10:40 A. M.

School Management and School Law.....	(5)
Physical Geography .....	(5)
Solid Geometry .....	(5)
Elementary Physics—Laboratory .....	(5)
Electrical and Magnetic Calculations.....	(5)
Freshman United States History.....	(5)
Freshman Psychology .....	(5)
Qualitative Analysis, First Term.....	(5)
Beginning German .....	(5)
Cicero's Orations .....	(5)
Hand-Work, Normal College.....	(5)
Typewriting 1.....	(5)
Medieval History, Preparatory.....	(5)
Manual Training .....	(5)
Choral Class .....	(5)

## 1:30 P. M.

English Literature, Preparatory, Section II.....	(5)
Plane Trigonometry .....	(5)
Second Term Physics.....	(5)
College Botany, Mon., Tues.....	(2)
College Botany—Laboratory, Wed., Thurs., Fri.....	(3)
Beginning French .....	(5)
Beginning Latin .....	(5)
Commercial Law .....	(5)
Methods in School Music.....	(5)
Stenography 1.....	(5)
European History, Collegiate.....	(5)
American Literature, General Review, Preparatory.....	(5)
Mechanical Drawing .....	

## 2:20 P. M.

Elementary Rhetoric .....	(5)
College Algebra .....	(5)
Advanced Physics—Laboratory .....	(5)

College Botany—Laboratory, Wed., Thurs., Fri.....	(3)
Nature Study .....	(4)
Zoology, Thurs., Fri.....	(2)
Chemical Laboratory, Mon., Tues., Wed., Thurs.....	(4)
Grammar, Reed & Kellogg, Section II.....	(5)
Stenography, II .....	(5)
Primary Methods for Graded Schools and Conferences.	(5)
Primary Methods for Ungraded Schools and Conferences .....	(5)
Theory and Sight Reading—Beginners' Class in Vocal Music .....	(3)
Advanced Geography .....	(5)
Mechanical Drawing .....	
School Drawing .....	
Grammar-Grade Methods .....	(5)

## 3:10 P. M.

Modern History, Preparatory.....	(5)
Ray's Higher Arithmetic, Section II.....	(5)
Political Economy .....	(5)
Ohio History, Collegiate.....	(5)
Advanced Physics—Laboratory .....	(5)
Electrical Catechism .....	(5)
Elementary Botany, Second Term.....	(5)
Second Term Chemistry.....	(5)
Ethics .....	(5)
Theory and Sight Reading—Advanced Class in Vocal Music .....	(3)
American Poetry, Collegiate.....	(5)
School Drawing .....	
Schoolmasters' Conferences, 3:10 to 5:00 o'clock P. M., fifth week, and Saturday, 9:00 to 10:30 o'clock A. M.	

**OTHER BRANCHES**—Arrangements can be made by students attending the Summer term for *private lessons* in Greek, Latin, German, French, Spanish, Psychology, Pedagogy, Voice Culture, Piano, Organ, Violin, Higher Mathematics, Philosophy, Elocution, and other branches scheduled in any of the University courses. The cost of such instruction in each branch, *will not exceed \$5.00* for the full term of six weeks, or \$0.50 for each lesson. Inasmuch as the work offered in the regular classes of the Summer School covers so wide a range of subjects, it will be, in most cases, a matter of election on the part of students if they take private instead of class instruction.

SUMMER SCHOOL ADVANTAGES—Besides having an opportunity to pursue systematically *almost any study desired*, under the direction of those regularly employed in this work, the student of the Summer School enjoys the advantages of the acquaintance, friendship, and counsel of many prominent superintendents, examiners, principals, and others who are always on the lookout for progressive, well-qualified teachers.

HOW TO REACH ATHENS—Athens is on the main line of the following railroads: Baltimore and Ohio Southwestern, Hocking Valley, and Ohio Central Lines. Close connections are made with these lines at the following-named places: Cincinnati, Loveland, Blanchester, Midland City, Greenfield, Chillicothe, Hamden Junction, Parkersburg, Marietta, Middleport, Gallipolis, Portsmouth, New Lexington, Lancaster, Logan, Columbus, Thurston, Zanesville, Palos, Delaware, Marion, and other points. Students on any railroad line may leave their homes in the most distant part of the state and reach Athens within a day.

REQUESTS FOR NAMES—Superintendents and teachers are requested to send to the President of the University the names and addresses of teachers and others who would likely be interested in some line of work presented at Ohio University. The Ohio University Bulletin is sent free and regularly to all persons who desire to have their names enrolled on the mailing list.

A TEACHERS' BUREAU—Since the State Normal Schools of Ohio were established in 1902, and especially since superintendents were given, in 1904, the right to appoint teachers, the State Normal College of Ohio University has received many calls for teachers. Positions aggregating *many thousands of dollars* have been secured by us for our students. The Dean of the Normal College conducts, *free of charge*, a bureau for teachers, and is always glad to aid worthy teachers in this way.

CONCLUSION—The President of the University will cheerfully answer *any questions* teachers or others desire to ask. The many addresses made by members of the Faculty the past year, and the large quantity of printed matter sent out, have served to give prominent attention to the work of the

University and the State Normal College. In this way *thousands of people* have learned to know something of the broad scope of work undertaken at Athens. The hundreds of students who have come to us the past year have helped very largely in imparting information to friends of education throughout the state concerning the extent and character of the work accomplished here. For the year ending March 20, 1908, the total enrollment was 1,386 different students. The total enrollment of different students for the college year ending March, 1909, was 1,467. For fuller information, address

ALSTON ELLIS,

*President Ohio University, Athens, Ohio.*

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## ALUMNI DEPARTMENT

CLEMENT L. MARTZOLFF, B. PED., *Secretary.*

At the annual meeting of the Board of Trustees of Ohio University, in June, 1906, the office of Alumni Secretary was created. The object of this department is to assist in the work of the Alumni Association, to organize clubs of alumni and former students, to secure data concerning the history and the alumni of the University, and to publish bulletins from time to time denoting the progress made.

Of the six hundred and forty-three persons who have received the Bachelor's Degree, less than twenty-five have not been accounted for. The Alumni Bulletin for 1909 is now in preparation and it will contain the following features:

A verified list of all living alumni.

An unverified list of alumni.

Biographical sketches of living alumni who graduated prior to 1859.

Biographical sketches of the "semi-centennial" class (1859).

Biographical sketches of those alumni who died during the year 1908.

Tables showing the various degrees granted and professions represented among the alumni.

As the work in the department becomes more organized it is the intention to add other features to these publications and eventually to publish a complete Alumni Catalogue and History of the University.

### ALUMNI ASSOCIATION

#### Officers

*President*, E. D. SAYRE, '88.

*Vice-President*, S. L. McCUNE, '96.

*Secretary*, C. L. MARTZOLFF, '07.

*Treasurer*, W. B. LAWRENCE, '92.

#### Executive Committee

L. G. WORSTELL, '88.

H. R. WILSON, '96.

W. B. LAWRENCE, '92.

I. M. FOSTER, '95.

#### Constitution

ARTICLE I. This Association shall be called the "Alumni Association of the Ohio University."

ART. II. The officers of the Association shall be a President, Vice-President, Secretary, Treasurer, and an Executive Committee, consisting of four members, to be chosen annually.

ART. III. The annual meetings of this Association shall be held in connection with the Commencement exercises of the University.

ART. IV. The object of this Association shall be to cultivate fraternal relations among the Alumni of the University and to promote the interests of our Alma Mater by the holding of social reunions, by literary exercises, or by such other means as the Association may, from time to time, deem best.

ART. V. Any member of the Faculty, and graduate of the University, also any one who has spent three years in the college classes of the University, and has been honorably dismissed, may, by the payment of one dollar and the signing of the Constitution, become a member of this Association.

ART. VI. This Constitution may be altered or amended at any annual meeting, by a vote of two-thirds of those present at such meeting.

ART. VII. *Amendment.* The members of this Association shall each pay into its treasury an annual fee of one dollar, and the sum so paid shall be expended in defraying the expenses of the annual reunion.

**THE OHIO UNIVERSITY ALUMNI ASSOCIATION OF  
PITTSBURG**

(ORGANIZED IN 1906)

*President*, CALVIN B. HUMPHREY, '88.

Box 911, Pittsburg, Pa.

*Secretary-Treasurer*, DR. NEWMAN H. BENNETT, '99.

1908 Carson St., Pittsburg, Pa.

**THE OHIO UNIVERSITY ALUMNI ASSOCIATION OF  
COLUMBUS**

(ORGANIZED IN 1909)

*President*, JOSEPH A. HARLOR, '94.

119 W. Tenth Ave., Columbus, Ohio

*Secretary*, OSCAR C. STINE, '08.....Lithopolis, Ohio

# LIST OF STUDENTS

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## COLLEGIATE DEPARTMENT

### POST-GRADUATE STUDENTS STUDYING FOR A DEGREE

Bryson, Lucy Weethie, B. S.....	Athens
Corn, Lena Everette, A. B.....	Norman, Okla.
Martzolff, Clement Luther, B. Ped.....	Athens
Moore, Mary Ellen, A. B.....	Athens
Simon, Mary Anna, Ph. B.....	Piqua

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### CLASS OF 1908

Adams, John William.....	Newark
Coultrap, Bernice Hughes.....	McArthur
Coultrap, Don C.....	Athens
Harter, Elizabeth .....	Marietta
Henke, Heber Hunt.....	Athens
Humphrey, Sara Clare.....	Ironton
Johnson, Aldis Adelbert.....	Farmdale
Johnson, Frank Leander.....	Cortland
Lever, Henry Work.....	Loveland
Matheny, William Alderman.....	Athens
Mayes, Harry Welday.....	Steubenville
Nice, Leonard Blaine.....	Athens
Parks, George Crawford.....	Hopedale
Rowles, Ethel Ellen.....	Bremen
Simon, Mary Anna.....	Piqua
Stine, Oscar Clemen.....	Glouster

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### SENIORS

Adams, Evelyn Lyon.....	Cincinnati
Adams, John William, A. B.....	Newark
Adams, Karl Langdon.....	Cincinnati
Alderman, William Elijah.....	Athens
Andrew, Lou Edna.....	Cincinnati
Badertscher, Jacob A.....	Beaver Dam
Bailey, Cora Ethlyn.....	Lilly Chapel
Bean, Cecil Calvert.....	Athens
Bolton, Rudolph Ray.....	Mendon

Chappelear, Mary Laurette Burdsal.....	Athens
Conner, Grace Bradford.....	Garrettsville
Cromer, Horace Emerson.....	Springfield
Crout, Boyd Merrill.....	Dresden
Curran, Oscar Waldo.....	Corning
Douglas, Malcolm .....	Waverly
Eaton, Edith Mildred.....	Huntington, W. Va.
Evans, Rhys David.....	Athens
Foster, Harry Zadoc.....	Athens
Hawk, Helen Marie.....	Los Angeles, Cal.
Hildebrand, Frederick Byron.....	Cutler
Hough, Florance Harrison.....	Jamestown
Huhn, William .....	McArthur
Johnson, Howard Blane.....	Plants
McCorkle, Charles Edward.....	Dawson
Mayes, James Ray.....	Steubenville
Morgan, William Thomas.....	Athens
Palmer, Edith .....	Athens
Patterson, Lena Estelle.....	Athens
Porter, Frank .....	New Straitsville
Roush, Helen Elizabeth.....	Athens
Thomas, George Grindley.....	Jackson
Watkins, Mary Carson.....	Athens
White, Clyde .....	New Concord
Wisma, James William.....	Ney
Wood, Leland Samuel.....	Andover

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**JUNIORS**

Allen, Walter Osman.....	New Plymouth
Andrews, Adda May.....	Gloster
Bechtol, Harvey Winfield.....	Baltic
Bemis, Arthur Sheldon.....	Aurora
Bingham, Garnet Gertrude.....	Athens
Bohrer, Jay Verne.....	Toledo
Boyd, John Stanley.....	Canal Winchester
Byder, Charles Oliver.....	Carrollton
Cheeseman, Redick C.....	Grove City, Pa.
Cherrington, Harold Edgar.....	Alice
Connell, Mary .....	Athens
Cooley, Calla Ernestine.....	Athens
Cooper, David Miller.....	Athens
Dunkle, Herbert Bothwell.....	Athens
Guy, Willard Arthur.....	Athens
Hayden, Charles Ernest.....	Nelsonville
Johnson, Helen Almarine.....	Nelsonville
Jones, Evan Johnson.....	Athens
Kerr, Paul Bentley.....	Hicksville
Kurtz, Frank Bartlett.....	Athens

Lindsay, Madge .....	Bridgeport
Lively, Ora Clyde.....	Wellston
Livingston, Alfred Erwin.....	Athens
Melick, Clark Owen.....	Axline
Moody, Vittoria .....	Bartlett
Morris, Leota Blanche.....	Harrisville
Perkins, Ione Marie.....	McArthur
Putnam, Virgene .....	Athens
Schaeffler, Charles Harry.....	Athens
Shupe, Lloyd Merle.....	Amanda
Stewart, Charles G.....	Hockingport
Tuttle, Harley Angelo .....	Diamond
Walls, Louise King.....	Athens
Williamson, Charles Owen.....	Lancaster

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**SOPHOMORES**

Alden, Ethel .....	Delaware
Allard, Laura Eliza.....	Jackson
Baker, Helen Weber.....	Zanesville
Baker, Mary Emaline.....	Athens
Bean, Leo Chapman.....	Gallipolis
Bingham, George Alvin.....	Athens
Bishop, Homer Guy.....	Athens
Bishop, Mary Virginia.....	Athens
Blower, George Cromwell.....	Glouster
Blythe, Donald Rukenbrod.....	Carrollton
Boelzner, Wilhelmina Rose.....	Athens
Bolton, Pansy Leona.....	Youngstown
Brickles, Lulu Harper.....	Athens
Euchanan, Edith Amanda.....	Basil
Cable, Will Ransom.....	Athens
Cash, Hamilton La Rue.....	Marshfield
Clemmer, John Hugh.....	Hicksville
Coleman, Harry Baxter.....	Carrollton
Collins, Frances Pauline.....	Medina
Copeland, Edna Florence.....	Athens
Coultrap, Manley Lawrence.....	McArthur
Cox, Clarence Clifford.....	Gillespieville
Cox, Ellis Van Hise.....	Dayton
Cranmer, Harvey Edward.....	Athens
Creamer, Myrtle Supler.....	Key
Cromer, Paul Eli.....	Springfield
Cronacher, Edith Lillian.....	Ironton
Crow, Herman, G.....	Madison Mills.
Cusic, Howard Lupton.....	Martin's Ferry
Eaton, Mary Jane.....	Circleville
Edwards, Bernice C.....	Garretttsville
Fiedler, Charles Kern.....	New Philadelphia
Finnicum, John Lyle.....	Hopedale

Finsterwald, Fredia .....	Athens
Flegal, Edna Elizabeth.....	Zanesville
Forsyth, Florance D.....	Monongahela, Pa.
Fredenbur, Bertha Louise.....	Uhrichsville
Gibson, Bessie Irene.....	Amesville
Glenn, Hazel Mary.....	Gallipolis
Gorslene, Bessie Mabel.....	Athens
Groves, Nettie Arvilla.....	Lancaster
Halbirt, Lucy Keturah.....	Athens
Hammond, Ernest .....	Milan
Hankison, Lewis Ellsworth.....	Lancaster
Hauschmidt, Lillian Mabel.....	Piqua
Helfrich, John Wert.....	Carrollton
Henry, Virgene Woodworth.....	Athens
Hickman, Florence May.....	Nelsonville
Hooper, Emmett Lorenzo.....	Athens
Howell, Mabel Roxy.....	McArthur
Jacobs, Arlington Brazil Cole.....	Lexington
Junod, Grace Marie.....	Athens
Kahler, Margaret Katherine.....	Conneaut
Keck, Garnet Grace.....	McArthur
Kenney, Ralph Clinton.....	Athens
Kent, Zeno Nichol.....	Chagrin Falls
King, Elizabeth Eulalie.....	Glouster
Koons, Herbert Nelson.....	Athens
Lapp, Paul George.....	Bucyrus
Le Roy, Verne Emery.....	Chagrin Fal.
Love, Arthur .....	Athens
McClure, Oscar Earle.....	Seaman
McCorkle, Walker Ellsworth.....	Dawson
McLean, Nelle Charlotte.....	Athens
McVay, Frances Halbert.....	Beverly
McWilliams, Edward Nevin.....	Cleveland
Mast, Earl Leroy.....	Zanesville
Miller, Ernest Carl.....	Lorain
Miller, Harry Percy.....	Springdale
Miller, Orla Glen.....	Athens
Minesinger, Thomas William .....	New Cumber'l'd, W.Va.
Mitchell, Eva Louise.....	Point Pleasant, W. Va.
Moler, Arthur Lee.....	Athens
Morgan, Thomas Francis.....	Jackson
Morton, Helen Winifred.....	Ironton
Mullay, Maude .....	Portland, Ore.
Nessler, Sidney Louis.....	Sidney
Nye, Robert Eugene.....	Chauncey
Patterson, Jay Robert.....	Shiloh
Pidgeon, Howard A.....	Pennsville
Pond, Walter Allen.....	Athens

Portz, Edward .....	Newcomerstown
Powell, Mary Antoinette.....	Beckett
Putnam, Harriet Lamb.....	Athens
Raney, Estelle Coler.....	Crooksville
Rogers, Cora May.....	Athens
Rogers, Mary Geraldine.....	Shelby
Rowan, Marie Gertrude.....	Hattiesburg, Miss.
Russell, John Edgar.....	So. Burgettstown, Pa.
Sanzenbacher, Elizabeth .....	Piqua
Schaeffier, Madeline .....	Athens
Secoy, Mary Elizabeth.....	Athens
Shilliday, Clarence Lee.....	New Milford
Silvus, William Green.....	Athens
Speck, Frank Richards.....	Uhrichsville
Spohn, Burrell Blakeney.....	Brownsville
Taylor, Barnett Winning.....	Hendrysburg
Taylor, Eliza Amelia.....	Brooklyn, N. Y.
Templer, May .....	Belpre
Tewksbury, Carl Logan.....	Blanchester
Ullom, Charlotte Devol.....	Athens
Vore, Lyle Dean.....	Athens
Walsh, Charles Leo.....	Athens
Warren, James Pratt.....	Athens
Warren, Samuel Cyrus.....	Athens
Watson, Wade Trafton.....	Jelloway
Weisenberger, Leo Lewis.....	McArthur
Wetzel, Lewis Orvel.....	Carrollton
Wheaton, Fred Shepper.....	Athens
White, Clyde Lawrence.....	Coolville
White, Robert Lee.....	Fairmount, Ill.
Wilkes, Ernest Constantine.....	Athens
Will Dorothy .....	McArthur
Williamson, Samuel Alpha.....	Amanda
Yaw, Otto Virgil.....	Glouster

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**FRESHMEN**

Alderman, Nelle Addine.....	Athens
Alford, James Perry.....	Bremen
Alspach, Jesse D.....	Canal Winchester
Armstrong, Lyman Walter.....	Bellville
Atkinson, Zella Fern.....	Zanesville
Ayers, Helen Florence.....	Gambier
Baker, George Krauth.....	Zanesville
Barnes, Bernice B.....	Bowerston
Bartlett, Gertrude .....	Waterford
Batterson, Iva Pearl.....	Bryan
Beatty, Annie Isabel.....	Youngstown
Beckley, Harry Clyde.....	McArthur

Bibbee, Elijah Clinton.....	Letart Falls
Bingman, Oscar Perry.....	Athens
Blackstone, Alva .....	Cumberland
Bower, Allen McClellan.....	Coshocton
Boyd, Bert Dennis.....	Canal Winchester
Boyd, Ethel Jennette.....	East Liverpool
Brookins, Allena May.....	Jackson
Brown, Mary Isabella.....	Caldwell
Buchan, Mary Lloyd.....	Mingo Junction
Buchanan, James William.....	Basil
Burgoon, John Alden.....	Athens
Burgy, Florence Dolly.....	Zanesville
Cable, Julia Luella.....	Athens
Campbell, Edna V.....	Athens
Campbell, Helen Martyn.....	Chagrin Falls
Carpenter, Aileen Clare.....	Athens
Carpenter, Edith Marie.....	Athens
Carpenter, Franklin Clyde.....	Athens
Carr, Lillian Mabel.....	Wellston
Chalfant, Hazel .....	Thornville
Cheffy, Windsor Howard.....	Wheeling, W. Va.
Chrisman, Oscie Dru.....	Athens
Clegg, Samuel Robert.....	Round Bottom
Cline, Lizzie Faye.....	Albany
Collins, Jacob Roland.....	Athens
Comstock, Joseph Hooker.....	Athens
Connett, Raymond Wendell.....	Athens
Coovert, Edward Alexander.....	Eldorado
Copeland, Charlotte .....	Athens
Crisp, Raymond George.....	Akron
Crooks, William Henderson.....	Forest
Crumit, Frank Poore.....	Jackson
Danford, Marian Blanche.....	McConnelsville
Davis, Franklin Armitage.....	Athens
Davis, John Bruce.....	Georgetown
Davis, Madora .....	Athens
Davis, Theora .....	Athens
De Vore, Leland Getty.....	Nelsonville
Dickerson, Harlan Jewett.....	South Zanesville
Diggs, Charles Owen.....	Lyndon
Dixon, Mary Elizabeth.....	Orwell
Donzy, Frederick William.....	Weston
Dorland, John Roy.....	West Salem
Dudgeon, Maude Marie.....	Gambier
Eaton, Clara Virginia.....	East Palestine
Eckelberry, Roscoe Huhn.....	McArthur
Edwards, Mary Ethel.....	Syracuse

Elson, Delma Viola.....	Athens
Elson, Harold Altair.....	Athens
Erf, George Arthur.....	Monroeville
Farquhar, Bessie May.....	Gambier
Farquhar, Winona Josephine.....	Gambier
Ferrell, Carl Kenneth.....	Zanesville
Finsterwald, Charles Frederick.....	Guysville
Fischer, Harry Everett.....	Highland
Flegal, Margaret Catherine.....	Zanesville
Flesher, Orion Herbert.....	Middleport
Fulwider, William Elbert.....	Athens
Gage, Edith Olga.....	Cutler
Gault, Mary Marjorie.....	North Jackson
Gill, Myrtle Eulalie.....	Youngstown
Gilpin, Lawrence Thomas.....	Columbus
Goe, Frances Adelaide.....	Cortland
Goldsworthy, John .....	Glouster
Gross, Haidee Coral.....	West Unity
Grubb, David Bechtel.....	Johnstown
Halbirt, Earl W.....	Canaanville
Hamilton, Frank Howard.....	Monongahela, Pa.
Hare, Marquis La Fayette.....	Fincastle
Harper, Bessie .....	Wellston
Henke, Cecile Anita.....	Athens
Henry, Anna Elizabeth.....	Kinsman
Henry, John Martin.....	Junction City
Herrold, Grace May.....	New Plymouth
Hickle, Clyde Monroe.....	Lithopolis
Hoopes, Laura May.....	Chagrin Falls
Hughes, George Russell.....	Key
Hughes, Milton De La Hay.....	Monroeville
Hume, Leonard Hilliard.....	Sidney
Hummon, Sarah E.....	North Baltimore
Hustis, Harold William.....	Brinckerhoff, N. Y.
Jackson, Pearl M.....	Jonesboro, Ind.
Jacobs, Gertrude Marian.....	Jackson
Jones, Roger Johnson.....	Athens
Kaler, George Rannells.....	Athens
Kanable, Grover Guy.....	Osceola
Keck, Olive Millicent.....	McArthur
Keller, Cecil Ward.....	Bremen
Kelley, Paul Hastings.....	Freeport
Kelly, Charles Gerald.....	Zaleski
Kerr, DeWitt Culler.....	Hicksville
Kinsey, Alice .....	Mt. Pleasant
Knowlton, Cora Belle.....	Athens
Lancaster, Hubert Ernest.....	Nelsonville
Langdon, Emma May.....	Washington C. H.

Lax, Flo .....	Nelsonville
Lee, Estella Clarissa.....	Athens
Lee, William Walter.....	Athens
Lenhart, Vinton Raymond.....	Coshocton
Lewis, Charles Raymond.....	Rushville
Lewis, Mary Adaline.....	Athens
Lewis, Ralph Amos.....	Sabina
Long, James Arthur.....	Washington C. H.
Love, Cora Belle.....	Lockwood
Loveless, Gertrude Irene.....	Warren
McBee, Harry Brunker.....	Athens
McCormick, Flora .....	Plain City
MacKee, Helen Josephine.....	Caldwell
McKinstry, Mary Claire.....	Athens
McLaughlin, Emma .....	Canal Fulton
McLean, Mary Elizabeth.....	East Liverpool
McMillin, Mary Edith.....	Youngstown
McNamara, Kate Torrance.....	Jackson
MacNaughton, Birdene Lillie.....	Brecksville
Martin, Neil McCune.....	Columbus
Matheny, Clarence Albert.....	Athens
Merrin, Anna Gladys.....	Mt. Vernon
Merrin, Ruth Evelyn.....	Mt. Vernon
Miller, Dorothy Devore.....	Mingo
Miller, Earle Augustus.....	Athens
Milroy, Louise Mary.....	Youngstown
Miser, Georgia Grace.....	Conneaut
Monahan, Zoa McGuire.....	Marion
Moore, Sylvia .....	Athens
Mullane, Mary Gertrude.....	Youngstown
Murphy, Clayton Earle.....	Nelsonville
Murphy, Elizabeth Ann.....	Higginsport
Myers, Jay Arthur.....	Croton
Myers, Oral Hunton.....	Lancaster
Palmer, Frank Harlan.....	Glenford
Palmer, John Alonzo.....	Athens
Parks, Hugh Whiteford.....	Hopedale
Passmore, Senes Breton.....	Du Bois, Pa.
Patterson, Charles Reif.....	Piketon
Pearce, Clarence Spence.....	New Petersburg
Perkins, Will M.....	McArthur
Phillips, Edith Olive.....	Delaware
Pickering, Goldie Gay.....	Athens
Pickett, Florence Elizabeth.....	Athens
Ploeger, Gertrude .....	Cleveland
Powell, William Minnich.....	Beckett
Powers, Grace Sheldon.....	Hudson
Pownall, Horton Calahan.....	Pomeroy

Pugh, Orren Lamar.....	Shreveport, La.
Rader, Walter Earl.....	Pataskala
Reed, Hazel Baker.....	Uhrichsville
Ridenour, Clarence Ray.....	New Lexington
Ridenour, Harry Lee.....	New Lexington
Rigby, Hazel Elizabeth.....	East Liverpool
Roach, Louise .....	Athens
Robinson, Ward William.....	Bellville
Roderick, Owen M.....	Jackson
Rose, Reed Phillips.....	Athens
Sherman, George Leslie.....	Athens
Shields, Buren Riley.....	Crooksville
Sibley, Hiram Ellis.....	Gallipolis
Smith, Albert Truman.....	Big Plain
Snow, Charlotte Louise.....	Brecksville
Soule, Mary Minnie.....	Wilkesville
Speck, Austa Belle.....	Uhrichsville
Speer, James Eberlein.....	Bloomingdale
Squier, Ermine Inez.....	Youngstown
Starr, Dano Elmer.....	Athens
Starr, Elma Vera.....	Athens
Steel, Elizabeth Morris.....	Chillicothe
Stevenson, Arthur James.....	Kenton
Stout, Orin Clark.....	Stoutsville
Strickland, Vida Rosella.....	Youngstown
Studer, Robert John.....	Athens
Sutherland, Margaret Gow Henderson..	Warren
Swartz, Arthur August.....	Athens
Talbot, John Sherman.....	Pickerington
Taylor, Mason Elijah.....	Jamestown
Teeling, Rudy Bell.....	Millersburg
Teeters, Ruth Charlene.....	Washington C. H.
Thomas, Emmett Lorin.....	Gallipolis
Thompson, Catherine .....	Chauncey
Thompson, Eugene Franklin.....	Nelsonville
Thorpe, Eva Marie.....	Caldwell
Todd, Hazel Estella.....	Warren
Townsend, Arthur Jean.....	New Philadelphia
Treudley, Ruth .....	Athens
Trimble, John Henry.....	Jacobsburg
Van Dyke, Ralph Arthur.....	Athens
Van Dyke, Stella May.....	Athens
Voegtly, Nelle Leona.....	Hannibal
Wakeman, Ruth Estelle.....	Oberlin
Walsh, Ethel Xavier.....	Athens
Wasley, Stuart Johnston.....	Bristol, Conn.
Watson, Carrie Edith.....	Bellville
Welch, Matthew Reed.....	Burgettstown, Pa.

Westhafer, Ella Virginia.....	Uhrichsville
Wilcox, Julia Ida.....	Hudson
Williams, James Stanley.....	Gallipolis
Williams, Rees Edgar.....	Glouster
Wilson, Grace .....	Mingo Junction
Winn, Mabel Elizabeth.....	Rutland
Witherspoon, Guy Holliday.....	McArthur
Wolf, William Fenton.....	Nelsonville
Wolfe, Blanche Philene.....	Athens
Yauger, Harry Thomas.....	New Lexington

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### IRREGULAR AND SPECIAL STUDENTS

Barker, Jannette .....	Athens
Bentley, Susan Easte.....	Athens
Biddle, Grace Poston.....	Athens
Black, Margaret Geneva, A. B.....	Athens
Boden, William Herbert.....	Athens
Bundy, Eva Leedom.....	Cincinnati
Cable, Pearl Golden.....	Nelsonville
Chubb, Eve Downer.....	Athens
Conner, May Sherwood, Ph. B.....	Athens
Cuckler, Minnie Luella.....	Athens
Davis, Margaret Anne.....	Clay
Davisson, Venus Marie .....	Charleston, W. Va.
Dean, Minnie Foster.....	Athens
Faris, Lillie Anne.....	Lynchburg
Friday, Julia Zenner.....	Athens
Gardner, Grace Gertrude.....	Mt. Gilead
Groff, Edith Elizabeth, B. S.....	East Akron
Henderson, Jennie Jewett.....	Athens
Howe, Mary Blanche, Ph. B.....	Athens
Jones, Lucy .....	Athens
Kirkendall, Emmett Royal, Ph. B.....	Athens
Koons, Nelle Murael.....	Athens
Kurtz, Jennie Ashby.....	Athens
Landsittel, Frederick Conrad.....	Amanda
Lanier, Joaquin Gimenez.....	Remedios, Cuba
Leyda, Edgar James.....	Monongahela, Pa.
Lindley, David Howell.....	Hamilton
Lowden, George Henry.....	Nelsonville
McVey, Virginia Hogg.....	Athens
Merwin, Addie Tullis.....	Athens
Miller, Guy Dolphus, A. B.....	Athens
Mohler, Nellie Blanche, Ph. B.....	Athens
Moore, Stella M.....	Athens
Morris, Amos Reno, A. B.....	Carroll
Ogan, Louise .....	McArthur
Richards, Jesta McDaniel.....	Athens

Russell, Kyle Denton.....	Athens
Slattery, Lena de Steiguer.....	Athens
Stalder, Lydia .....	Athens
Takahashi, Matagoro .....	Tamagawa, Japan
Townsend, Helen Mar.....	Athens
Uyeda, Akira Shinkichi .....	Momai, Japan
Walls, Callie King.....	Athens
Washington, Grace Helena.....	Columbus
Wehr, Amy Moore, Ph. M., B. Ped.....	Athens
Wiley, Nathaniel .....	Kimball, W. Va.
Williams, Anna Pearl.....	Athens
Williams, Lelia Winifred.....	Athens
Wilson, Olive Amanda.....	Athens
Wolfe, Carrie E.....	Athens

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**THIRD PREPARATORY**

Alford, John Franklin.....	Bremen
Allison, Mary Elizabeth.....	Oak Hill
Anderson, Lena Melinda.....	Newark
Ashbaugh, Robert Paul.....	Bremen
Barton, William Howard.....	Adelphi
Blythe, Roy Rukenbrod.....	Carrollton
Bolton, Eric Noel.....	Youngstown
Bowers, Lena .....	Albany
Boyles, Anna Mary.....	North Lewisburg
Boyles, Ethel Vida.....	North Lewisburg
Brewer, Pearl Harvey.....	Upper Sandusky
Brown, Florrie Marion.....	Chagrin Falls
Brubaker, Henry Sampson.....	Monongahela, Pa.
Bryan, Wylie De Camp.....	Pt. Pleasant, W. Va.
Buchan, Olive Jean.....	Mingo Junction
Buchanan, Randall Leighton.....	Unionport
Burns, Edna Frances.....	Canaanville
Burns, Edna Primrose.....	McArthur
Burrell, George Richard.....	Freeport
Cagg, Miles Herbert.....	Nelsonville
Carr, George E.....	Stockport
Clarkson, Agnes .....	Warrensville
Coe, Ernest William.....	Belpre
Corlett, Lizzie Edna.....	Warrensville
Crabbs, Peter Barkdull.....	Leavittsburg
Cromer, William John.....	Springfield
Cullums, George Willis.....	Canaanville
Cummings, Arthur Wallace.....	Uhrichsville
Dana, Louise Perkins.....	Athens
Dennison, Maude Geraldine.....	Lockwood
Dixon, Esther .....	Orwell
Druggan, Elizabeth .....	Athens

Dunlap, Howard Leroy.....	Flushing
Dunstan, Flavia Adelaide.....	Granville
Duppstadt, Clara Belle.....	Somerset, Pa.
Dye, Marian Rebecca .....	Hamden Junction
Eldridge, Anna Elizabeth.....	Cutler
Fattig, Perry Wilbur.....	West Rushville
Fawcett, Marshall Lee.....	Rushsylvania
Fulwider, Albert Paul.....	Athens
Gallaher, Myrtle Ione.....	Clarington
Gammage, Fred Valentine.....	Kingston, Jamaica
Gray, Charles Jennings.....	McArthur
Green, Mary .....	Martin's Ferry
Grimm, Maude Sophia.....	Buchtel
Harris, Gail Clifford.....	Sharpsburg
Hastings, Evelyn Emily.....	Grover Hill
Hightshoe, Mary Edna.....	Somerset
Hoch, Edna Louise.....	Delta
Housel, Clay De Witt.....	Mogadore
Hughes, Alonzo Bayard.....	Key
Hughes, George Russell.....	Key
Ice, Gertrude Florence..	Glenford
Karn, Almeda .....	Cove
Kelley, Dorothy Margaret.....	Freeport
Kelley, Hattie Luella.....	Lima
Kelley, Margaret Beatrice.....	Freeport
Kenney, Lora May.....	Athens
Kirby, Mary Gertrude.....	Amsterdam
Knight, Charles Kelly.....	Athens
Kochheiser, Ralph Waldo.....	Bellville
Law, George Gun.....	Portland, Ore.
Lenhart, Katherine Elizabeth.....	Welshfield
Leyda, Mabel Irene.....	Cutler
Lumley, Bertha .....	Rootstown
Lutz, George Wayne.....	Rutland
McCrory, Joseph Theodore.....	Allegheny, Pa.
McKinniss, Clarence .....	Hamden Junction
McKinniss, Karl .....	Hamden Junction
McLaughlin, Henry Max.....	Wilkesville
McNaughton, James Edgar.....	South Webster
MacWilliams, Oliver K.....	Cleveland
Maxwell, Virgil Coler.....	Athens
Meikle, Elsie May.....	Kinsman
Merritt, Kathleen Wood.....	Columbus
Miller, Rev. Whittaker.....	New Paris
Moorehead, Josephine .....	Van Wert
Nessley, Harold John.....	Kirkersville
Nieding, Bertha Ellen.....	Vermilion
Nixon, Ernest Leland.....	New Plymouth

Northup, Arnett Almon.....	Nauvoo, Ill.
O'Connor, Delia .....	Alice
Pake, Edward Howe.....	Bainbridge
Pake, Ida Merle.....	Bainbridge
Parker, Sidney Lester.....	Athens
Pavey, Howard Douglas.....	Leesburg
Phillips, Mary Leah.....	Athens
Pilcher, Marguerite .....	Sparta, Ill.
Plummer, Florene .....	Williamsport
Porter, Bessie Maude.....	West Carlisle
Portz, Ella Clara.....	Newcomerstown
Powell, Newman Minnich.....	Beckett
Powell, Roland Edgar.....	Beckett
Price, John .....	New Straitsville
Price, Marie Louise.....	Athens
Rhoads, Alma .....	Athens
Richards, John Conrad.....	Carrollton
Riley, Dwight Albin.....	Athens
Roley, Ray De Witt.....	Basil
Roome, Elizabeth .....	Sistersville, W. Va.
Rorabeck, Lura May.....	Bedford
Rubrake, Frances Katheryn.....	Lowell
Scott, Walter Jacob.....	Monongahela, Pa.
Seeley, Gertrude Mae.....	Delta
Shadduck, Edith Leanna.....	Vermilion
Simpson, Beatrice Lena.....	Little Hocking
Slay, Erwin Joseph.....	Byesville
Smith, Belva L.....	Republic
Springer, Emmett Vance.....	Richmondale
Starr, Donna Pearl.....	Frankfort
Stout, Percy Ray.....	Stoutsville
Stump, James Leonard.....	Frazeysburg
Taggart, Estella Florence.....	East Liverpool
Tannehill, Sarah Edith.....	Scott
Thompson, Edna Lucile.....	Solon
Tom, Stella Elsie.....	Albany
Turner, John James.....	Mt. Carbon, W. Va.
Walburn, Ralph Carlisle.....	Columbus
Walters, Henry Smallcomb.....	Gloster
Warrener, Mary Estelle.....	Athens
Webb, Earl Castor.....	Albany
Webber, Robert Grover.....	Sistersville, W. Va.
Welday, Samuel Oliver.....	Bloomingdale
Wheller, Dorothy Celia.....	Ridgeville Corners
White, James Henry.....	Chandlersville
Wilkes, Herman Bingman.....	Chadbourne, N. C.
Williams, Clara Duncan.....	Athens
Williamson, Lida Catherine.....	Cheshire

Woolley, John Jefferson.....	Nelsonville
Yankey, Flora Gay.....	Madisonville

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**SECOND PREPARATORY**

Bailey, Zilpha Delana.....	Athens
Barker, Robert Ralph.....	Athens
Barton, Mary Hazel.....	Rutland
Biddle, Benjamin Harrison.....	Athens
Bowles, Hal Chalfan.....	Dexter
Brooks, Oran Edgar.....	Marshfield
Bundy, William Sanford.....	Cincinnati
Burgess, Ethel Julia.....	Cutler
Burgess, Irma Ada.....	Cutler
Campbell, Cedric Potter.....	Jacksonville
Carpenter, Anna Adrian.....	Athens
Chee, Paul .....	New York, N. Y.
Christman, Jacob Branch.....	Athens
Chute, Berenice Fauney .....	Jacksonville
Clark, Cecile Wilma.....	Athens
Clark, Mary Ethel.....	Rockland
Cottrill, Benjamin Harrison.....	Gallipolis
Cowen, George Henry.....	Athens
Crosson, Constance Zura.....	Athens
Cryder, Maude Ethel.....	Gillespieville
Deal, Nettie May.....	Iowa City, Iowa
Dickey, Walter Leroy.....	Hillsboro
Dinsmoor, Claire Cather.....	Stewart
Donnally, Edward Wood.....	Gallipolis
Du Bois, Herman Henry.....	Vigo
Duncan, Fanna Fern.....	Trimble
Duncan, James Link.....	Athens
Dunlap, Oscar Ellsworth.....	Flushing
Dutton, Celia Elizabeth.....	Bremen
Floyd, Homer Samuel.....	South Perry
Gabriel, George Moses.....	Marshfield
Giles, Nathan Blaine.....	Stockdale
Gittings, Lawrence Talbot Neal.....	Parkersburg, W. Va.
Graham, Miles McKindree.....	Logan
Greenberg, Sydney .....	Brooklyn, N. Y.
Greisheimer, Essie Maud.....	Chillicothe
Harper, Lamar Seeley.....	Wheelersburg
Higgins, Elmer Woods.....	Athens
Hoffmeister, Alexander Charles Max.....	Athens
Howell, Harley Millard.....	West Manchester
Huffman, George Leroy.....	Chandlersville
Hurd, Bertha Opal.....	Laings
Ingells, Bert Theodore.....	Gallipolis
Jennings, Lewis Dale.....	West Carroll

Johnson, Gladys Marguerite.....	Basil
Johnson, Verna Vere.....	Athens
Johnston, Edna Earle.....	Little, Ky.
Johnston, Reed Seth.....	Athens
Johnston, Vevay Grace.....	Little, Ky.
Kasserman, Henry David.....	Hannibal
Kent, William Raymond.....	Charleroi, Pa.
Kirkbride, Carl Chester.....	Ringgold
Krout, Webster Sherburn.....	Bremen
Light, Blanche Olivia.....	Guysville
Limbach, Mary Elizabeth.....	New Philadelphia
Linton, Gladys Amy.....	Athens
Lortz, Jessie Hazel.....	Amesville
McClure, Robert Leroy.....	Seaman
McDaniel, Ira Alpheus.....	Athens
McGlinchay, Viola Blanche.....	Galloway
McGregor, Joseph Leroy.....	Monongahela, Pa.
Marion, Jennie Clara.....	Amanda
Martindill, Clara .....	Hamden Junction
Matheny, Alice Grace.....	Sugar Grove
Maxwell, Robert Alfred.....	Beecher
Mechling, George Vernon.....	Glenford
Meredith, Irwin Cecil.....	Long Bottom
Merrick, Charles Edward.....	East Rochester
Merrick, William Russell.....	Kensington
Merrill, Lee Dale.....	Black Lick
Miller, Benjamin Warren.....	Millwood, W. Va.
Miller, Irvin Ambrose.....	Lancaster
Miller, Lewis Harrison.....	Millwood, W. Va.
Nixon, Ray John.....	Danville
O'Farrell, Mary Frances.....	Corning
Oxley, Delbert Franklin.....	Athens
Phillips, Mary Luetta.....	Delaware
Potts, Carl Grady.....	Amesville
Pugh, Frank Kagay.....	Lancaster
Pugh, Ira Ross.....	Armstrong's Mills
Rambo, Florence Marie.....	Zanesville
Rhodes, Fred Lawwill.....	Cottageville, W. Va.
Rife, Phena Abigail.....	Kyger
Scott, Emma J.....	Spencer, W. Va.
Shaner, Mary Ruth.....	Elliott
Sheumaker, Daisy Belle.....	West Rushville
Simmons, Ruth Ethel.....	East Monroe
Slavens, Egbert Ellis.....	Stockdale
Smith, Roy Wilfred.....	Stewart
Spencer, Isaac Tavener.....	Parkersburg, W. Va.
Spier, Cora Fern.....	South Dayton, N. Y.
Stage, Charles Arthur.....	Lancaster

Stage, John Edward.....	Lancaster
Stailey, Charles Elmo.....	Ney
Swallie, Sophie Golista.....	Ripley
Tatman, George Ralph.....	New Plymouth
Walker, Robert Herman.....	Athens
Walpole, Alva Branson.....	Malta
Ward, Theron William.....	Cheshire
Weed, Eva Lulu.....	Grove City
White, William John.....	Jackson
Wilkes, Charles Olney.....	Athens
Wilkes, Clarence Carson.....	Athens
Wolfe, Cassius Clark.....	Trimble
Young, Harry Curtis.....	Millersburg
Zenner, David Roe.....	Athens

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**FIRST PREPARATORY**

Bender, Jacob Roy.....	Uhrichsville
Braley, Mack Rolin.....	Athens
Brown, Archer Emmett.....	Athens
Caldwell, Frances .....	Coolville
Campbell, Parry Clifford.....	Nelsonville
Clark, Clara Grace.....	Rockland
Cole, George Finley.....	Bloomingdale
Dickel, John Edward.....	Parkersburg, W Va.
Dicus, Nanna Oneita.....	Rawson
Dunbar, Carrie Mildred.....	Cutler
Dutton, William Stanley.....	Bremen
Fulwider, Robert Lester.....	Athens
Goble, Arthur Emmett.....	Lima
Goodwin, Elmer Gillespie.....	Pratt's Fork
Harper, Carl Schurz.....	Jackson
Harris, Albert Clyde.....	Laings
Hewitt, Milo Ephraim.....	Marshfield
Higgins, Hannah Lucile.....	Athens
Johnson, William Finley.....	Jackson
Knecht, Marie .....	Kensington
Laverty, James .....	Athens
McNeal, Elsie .....	Athens
McNeal, Marjorie .....	Athens
McTeague, Andrew William.....	Columbus
McVay, Frank Hull.....	Athens
Matheny, Raymond Henry.....	Athens
Merrick, Anna Marie.....	Kensington
Miller, William Franklin.....	Jackson
Moore, Clara Ellen.....	Athens
Riley, Harry Wademan.....	Athens
Rockwell, Floyd .....	Jackson
Russell, Heber .....	Jackson

Shafer, Ora Katherine.....	Athens
Shafer, Samuel Sullivan.....	Athens
Shaffer, Woodrow .....	Athens
Thompson, Glenn Gates.....	Langsville
Timmerman, Warren .....	Oak Harbor
Turner, George Herschel.....	Allensville
Wen, Hong See.....	Canton, China
Wharton, Marjorie Edith.....	Mineral
Woods, Leah Mozelle.....	Rawson
Wright, Bertrand Elwood.....	Marshall
Young, Earl Ellsworth.....	Millersburg

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## ENROLLMENT IN THE STATE NORMAL COLLEGE, 1908-1909

(Exclusive of Summer Term, 1908)

### FIRST YEAR IN ELEMENTARY EDUCATION

Bender, Jacob Roy.....	Uhrichsville
Clark, Chloe Mae.....	Sugar Grove
Clark, Myrtle Belle.....	Sugar Grove
Cox, Ethel Rose.....	Gillespieville
Cutright, Mollie .....	Vigo
Dickle, John Edward.....	Parkersburg, W. Va.
Dicus, Nanna Oneita.....	Rawson
Dutton, William Stanley.....	Bremen
Fulk, Minnie .....	Oak Hill
Gahm, Walter Floyd.....	Jackson
Gilbreth, Glenn Hoffman.....	Coolville
Gilbreth, Mina Margaret.....	Coolville
Goble, Arthur Emmett.....	Lima
Goodwin, Elmer Gillespie.....	Pratt's Fork
Grant, Mary .....	South Webster
Harris, Albert Clyde.....	Laings
Henry, John Lewis.....	Hillsboro
Hewett, Milo Ephraim.....	Marshfield
Jacoby, Margaret Gertrude.....	Dillonvale
Johnson, Bertha Goldie.....	Athens
Johnson, William Finley.....	Jackson
Knecht, Marie .....	Kensington
Leaming, Pearl Marie.....	Milton Center
Leaming, Ruby Gale.....	Milton Center
McNeal, Elsie .....	Athens
McNeal, Marjorie .....	Athens
Matheny, Raymond Henry.....	Athens
Merrick, Anna Marie.....	Kensington
Miller, William Franklin.....	Jackson

Moore, Clara Ellen.....	Athens
Ogg, Verda Lenora.....	Ethel
Paulus, Albert Sylvester.....	Woodsfield
Person, Everett J.....	Long Bottom
Pickering, Edith M.....	Broadwell
Pickering, Ethel Wanda.....	Broadwell
Riley, Harry Wademan.....	Athens
Rockwell, Floyd .....	Jackson
Russell, Heber .....	Jackson
Sexton, Bessie Elizabeth.....	Frankfort
Shafer, Ora Katherine.....	Athens
Shafer, Samuel Sullivan.....	Athens
Starr, Clarence Edward.....	Woodsfield
Stewart, Edith Romaine.....	Woodsfield
Stewart, James Franklin.....	Jackson
Sticklen, Frank Henry.....	Cove
Thompson, Glenn Gates.....	Langsville
Timberman, Edith Lucile.....	Ray
Warner, Nora .....	Oreton
Weber, Maude Antoinette.....	Masterton
Welty, Charles Delman.....	Bremen
Wharton, Marjorie Edith.....	Mineral
Wood, Leah Mozelle.....	Rawson
Wright, Bertrand Elwood.....	Marshall
Wyman, Linnie Alice.....	McArthur

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### SECOND YEAR IN ELEMENTARY EDUCATION

Bailey, Zalpha Delana.....	Athens
Barker, Robert Ralph.....	Athens
Beatty, Benjamin Mackalee.....	Hillsboro
Bouts, John Harry.....	South Webster
Brooks, Grace Leona.....	Marshfield
Burgess, Ethel Julia.....	Cutler
Burgess, Irma Ada.....	Cutler
Butts, Nina Leota.....	Athens
Carpenter, Anna Adrian.....	Athens
Chee, Paul .....	New York, N. Y.
Christman, Jacob Branch.....	Athens
Clark, Cecile Wilma.....	Athens
Comstock, Dolly Belle.....	Brecksville
Cowen, George Henry.....	Athens
Crosson, Constance Zura.....	Athens
Cutright, Marie Matilda.....	Vigo
Day, Effie Woodward.....	Athens
Deal, Netta May.....	Iowa City, Iowa
Dickson, Amy Agnes.....	Bartlett
Duncan, Fanna Fern.....	Trimble
Duncan, James Link.....	Athens

Dutton, Celia Elizabeth.....	Bremen
Dutton, Rose Beatrice.....	Bremen
Fehndrich, Alexander Washington.....	Millersburg
Goddard, Fannie Estelle.....	Amesville
Goddard, Mary Eliza.....	Amesville
Greenberg, Sydney .....	Brooklyn, N. Y.
Griesheimer, Essie Maude.....	Chillicothe
Heald, Hattie Estelle.....	Cutler
Higgins, Elmer Wood.....	Athens
Hixson, Emma Jane.....	Millfield
Howell, Harley Millard.....	West Manchester
Hughes, David Ellsworth.....	Oak Hill
Hurd, Bertha Opal.....	Laings
Jennings, Lewis Dale.....	West Carroll
Johnson, Gladys Marguerite.....	Basil
Johnson, Verna Vere.....	Athens
Johnston, Edna Earle.....	Little, Ky.
Johnston, Vevay Grace.....	Little, Ky.
Joyce, Francis Matthew.....	Canaanville
Kasserman, Henry David.....	Hannibal
Kuhner, Clara Ella.....	South Webster
Krout, Webster Sherburn.....	Bremen
Lamb, Grace Martha.....	Middleport
Lambert, Marion Theresa.....	St. Paul, Minn.
LeFavor, Ella .....	Alfred
Limbach, Mary Elizabeth.....	New Philadelphia
Linton, Gladys Amy.....	Athens
Lortz, Jessie Hazel.....	Amesville
McDaniel, Ira Alpheus.....	Athens
McEndree, Olive Balerma.....	Barnesville
McGlinchay, Viola Blanche.....	Galloway
Marion, Jennie Clara.....	Amanda
Matheny, Alice Grace.....	Sugar Grove
Mechling, George Vernon.....	Glenford
Merrick, Charles Edward.....	East Rochester
Merrick, William Russell.....	Kensington
Miller, Irvin Ambrose.....	Lancaster
Moore, Walter Root.....	Athens
Mumaw, Lenore .....	Dalton
Nixon, Ray John.....	Danville
O'Farrell, Mary Frances.....	Corning
Parks, Hazel Belle.....	Glenford
Phillips, Mary Luetta.....	Delaware
Pugh, Frank Kagay.....	Lancaster
Pugh, Ira Ross.....	Armstrong's Mills
Ricketts, Carrie Edith.....	Sugar Grove
Rife, Phena Abigail.....	Kyger
Rhodes, Fred Lawwill.....	Cottageville, W. Va.

Scott, Emma .....	Spencer, W. Va.
Severe, Jessie .....	Vanetta
Shaner, Mary Ruth.....	Elliott
Simmons, Ruth Ethel.....	East Monroe
Stage, Charles Arthur.....	Lancaster
Stage, John Edward.....	Lancaster
Stailey, Charles Elmo.....	Ney
Swallie, Sophie Golista.....	Ripley
Takahashi, Matagoro .....	Tamagawa, Japan
Tatman, George Ralph.....	New Plymouth
Wagner, Bertha Adelle.....	Cutler
Walpole, Alva Branson.....	Malta
Ward, Theron William.....	Cheshire
Weed, Eva Lulu.....	Grove City
White, William John.....	Jackson
Wilkes, Charles Olney.....	Athens
Wilkes, Lulu Constance.....	Athens
Young, Harry Curtis.....	Millersburg

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**THIRD YEAR IN ELEMENTARY EDUCATION**

Alford, John Franklin.....	Bremen
Allison, Mary Elizabeth.....	Oak Hill
Anderson, Lena Malinda.....	Newark
Bowers, Lena .....	Albany
Boyles, Anna Mary.....	North Lewisburg
Brown, Florrie Marion.....	Chagrin Falls
Buchan, Olive Jean.....	Minco Junction
Burns, Edna Frances.....	Canaanville
Burns, Edna Primrose.....	McArthur
Cagg, Miles Herbert.....	Nelsonville
Clarkson, Agnes .....	Warrensville
Corlett, Lizzie Edna.....	Warrensville
Crabbs, Peter Barkdull.....	Leavittsburg
Cullums, George Willis.....	Canaanville
Dana, Louise Perkins.....	Athens
Dennison, Maude Geraldine.....	Lockwood
Dixon, Esther .....	Orwell
Druggan, Elizabeth .....	Athens
Dunstan, Flavia Adelaide.....	Granville
Dye, Marian Rebecca.....	Hamden Junction
Eldredge, Anna Elizabeth.....	Cutler
Fattig, Perry Wilbur.....	West Rushville
Fulwider, Albert Paul.....	Athens
Gallaher, Myrtle Ione.....	Clarington
Gray, Charles Jennings.....	McArthur
Green, Mary .....	Martin's Ferry
Grimm, Maude Sophia.....	Buchtel
Hastings, Evelyn Emily.....	Grover Hill

Hightshoe, Mary Edna.....	Somerset
Hoch, Edna Louise.....	Delta
Ice, Gertrude Florence.....	Glenford
Karn, Almeda .....	Cove
Kelley, Hattie Luella.....	Lima
Kenney, Lora May.....	Athens
Kirby, Mary Gertrude.....	Amsterdam
Law, George Gun.....	Portland, Ore.
Lenhart, Katherine Elizabeth.....	Welshfield
Leyda, Mabel Irene.....	Cutler
Lumley, Bertha .....	Rootstown
McCrory, Joseph Theodore.....	Alleghany. Pa.
McLaughlin, Henry Max.....	Wilkesville
McNaughton, James Edgar.....	South Webster
Meikle, Elsie May.....	Kinsman
Moorehead, Josephine .....	Van Wert
Nieding, Bertha Ellen.....	Vermilion
Northup, Arnett Almon.....	Nauvoo, Ill.
O'Connor, Delia .....	Alice
Pake, Edward Howe.....	Bainbridge
Pake, Ida Merle.....	Bainbridge
Parker, Sidney Lester.....	Athens
Pavey, Howard Douglass.....	Leesburg
Phillips, Mary Leah.....	Athens
Pilcher, Marguerite .....	Sparta, Ill.
Plummer, Florence .....	Williamsport
Porter, Bessie Maude.....	West Carrollton
Powell, Roland Edgar.....	Beckett
Rorabeck, Lura May.....	Bedford
Roome, Elizabeth .....	Sistersville, W. Va.
Rubrake, Frances Katheryn.....	Lowell
Seeley, Gertrude May.....	Delta
Shadduck, Edith Leanna.....	Vermilion
Slay, Erwin Joseph.....	Byesville
Starr, Donna Pearl.....	Frankfort
Taggart, Estella Florence.....	East Liverpool
Tannehill, Sarah Edith.....	Scott
Thompson, Edna Lucile.....	Solon
Tom, Stella Elsie.....	Albany
Turner, John James.....	Mt. Carbon, W. Va.
Walters, Henry Smallcomb.....	Gloster
Warrener, Mary Estelle.....	Athens
Welday, Samuel Oliver.....	Bloomingdale
Wheller, Dorothy Celia.....	Ridgeville Corners
Williamson, Lydia Catherine.....	Cheshire
Yankey, Flora Gay.....	Madisonville

**FRESHMEN**

Alford, James Perry.....	Bremen
Alderman, Nelle Addine.....	Athens
Ayers, Helen Florence.....	Gambier
Bartlett, Gertrude .....	Waterford
Batterson, Iva Pearl.....	Bryan
Beatty, Annie Isabel.....	Youngstown
Bower, Allen McClellan .....	Coshocton
Brown, Mary Isabella.....	Caldwell
Buchan, Mary Lloyd.....	Mingo Junction
Burgoon, John Alden.....	Athens
Burgy, Florence Dolly.....	Zanesville
Cable, Julia Luella.....	Athens
Campbell, Helen Martyn.....	Chagrin Falls
Carpenter, Edith Marie.....	Athens
Cash, Hamilton LaRue.....	Marshfield
Chrisman, Oscie Dru.....	Athens
Clegg, Samuel Robert.....	Round Bottom
Comstock, Joseph Hooker.....	Athens
Danford, Marian Blanche.....	McConnelsville
Davis, Madora .....	Athens
Davis, Theora .....	Athens
Davis, Franklin Armitage.....	Athens
Dickerson, Harlan Jewett.....	South Zanesville
Dudgeon, Maude Marie.....	Gambier
Eaton, Clara Virginia.....	East Palestine
Eaton, Mary Jane.....	Circleville
Eckelberry, Roscoe Huhn.....	McArthur
Erf, George Arthur.....	Monroeville
Farquhar, Bessie May.....	Gambier
Farquhar, Winona Josephine.....	Gambier
Ferrell, Carl Kenneth.....	Zanesville
Fulwider, William Elbert.....	Athens
Gage, Edith Olga.....	Cutler
Gault, Mary Majorie.....	North Jackson
Gill, Myrtle Eulalie.....	Youngstown
Goe, Frances Adelaide.....	Cortland
Gross, Haidee Coral.....	West Unity
Henry, Anna Elizabeth.....	Kinsman
Herrold, Grace May.....	New Plymouth
Hoopes, Laura May.....	Chagrin Falls
Hummon, Sara E.....	North Baltimore
Hustis, Harold William.....	Brinckerhoff, N. Y.
Jackson, Pearl M.....	Jonesboro, Ind.
Jacobs, Gertrude Marian.....	Jackson
Kaler, George Rannells.....	Athens
Keck, Olive Millicent...	McArthur
Kinsey, Alice .....	Mt. Pleasant

Knowlton, Cora Belle.....	Athens
Lewis, Mary Adeline.....	Athens
Love, Cora Belle.....	Lockwood
Loveless, Gertrude Irene.....	Warren
MacKee, Helen Josephine.....	Caldwell
McLaughlin, Emma .....	Canal Fulton
McMillin, Mary Edith.....	Youngstown
McLean, Mary Elizabeth.....	East Liverpool
McNamara, Kate Torrance.....	Jackson
McNaughton, Birdine Lillie.....	Brecksville
Matheny, Clarence Albert.....	Athens
Miller, Dorothy DeVore.....	Mingo
Milroy, Louise Mary.....	Youngstown
Miser, Georgia Grace.....	Conneaut
Monahan, Zoa McGuire.....	Marion
Mullane, Mary Gertrude.....	Youngstown
Palmer, Frank Harlan.....	Glenford
Passmore, Senes Breton.....	Du Bois, Pa.
Pearce, Clarence Spence.....	New Petersburg
Phillips, Eva Olive.....	Delaware
Pickett, Florence Elizabeth.....	Athens
Ploeger, Gertrude .....	Cleveland
Powell, William Minnich.....	Beckett
Powers, Grace Sheldon.....	Hudson
Reed, Hazel Baker.....	Uhrichsville
Ridenour, Clarence Ray.....	New Lexington
Shilliday, Clarence Lee.....	New Milford
Snow, Charlotte Louise.....	Brecksville
Squier, Ermine Inez.....	Youngstown
Starr, Elma Vera.....	Athens
Steel, Elizabeth Morris.....	Chillicothe
Strickland, Vida Rosella.....	Youngstown
Sutherland, Margaret Gow Henderson..	Warren
Talbot, John Sherman.....	Pickerington
Thompson, Catherine .....	Chauncey
Thorpe, Eva Marie.....	Caldwell
Todd, Hazel Estella.....	Warren
Treudley, Ruth .....	Athens
Voegtle, Nelle Leona.....	Hannibal
Wakeman, Ruth Estelle.....	Oberlin
Watson, Carrie Edith.....	Bellville
Wilcox, Julia Ida.....	Hudson
Wilson, Grace .....	Mingo Junction
Winn, Mabel Elizabeth.....	Rutland

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**SOPHOMORES**

Alden, Ethel .....	Delaware
Baker, Mary Emaline.....	Athens

Boelzner, Wilhelmina Rose.....	Athens
Bolton, Pansy Leona.....	Youngstown
Brickles, Lulu Harper.....	Athens
Buchanan, Edith Amanda.....	Basil
Collins, Frances Pauline.....	Medina
Creamer, Myrtle Supler.....	Key
Cromer, Paul Eli.....	Springfield
Edwards, Bernice C.....	Garrettsville
Finsterwald, Fredia .....	Athens
Fiedler, Charles Kern.....	New Philadelphia
Fredenbur, Bertha Louise.....	Uhrichsville
Glenn, Hazel Mary.....	Gallipolis
Groves, Nettie Arvilla.....	Lancaster
Halbirt, Lucy Keturah.....	Athens
Hammond, Ernest .....	Milan
Hauschmidt, Lillian Mabel.....	Piqua
Jacobs, Arlington Brazil Cole.....	Lexington
Kahler, Margaret Katherine.....	Conneaut
King, Elizabeth Eulalie.....	Gloster
LeRoy, Verne Emery.....	Chagrin Falls
Miller, Harry Percy.....	Springdale
Portz, Edward .....	Newcomerstown
Putnam, Harriet Lamb.....	Athens
Rogers, Cora May.....	Athens
Rogers, Mary Geraldine.....	Shelby
Rowan, Marie Gertrude.....	Hattiesburg, Miss.
Sanzenbacher, Elizabeth .....	Piqua
Secoy, Mary Elizabeth.....	Athens
Shilliday, Clarence Lee.....	New Milford
Speck, Frank Richards.....	Uhrichsville
Spohn, Burrel Blakeney.....	Brownsville
Templer, May .....	Belpre

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**JUNIORS**

Allen, Walter Osman.....	New Plymouth
Andrews, Adda May.....	Gloster
Bohrer, Jay Verne.....	Toledo
Cherrington, Harold Edgar.....	Alice
Connett, Mary .....	Athens
Cooper, David Miller.....	Athens
Johnson, Helen Almarine.....	Nelsonville
Kurtz, Frank Bartlett.....	Athens
Lindsey, Madge .....	Bridgeport
Lively, Ora Clyde.....	Wellston
Livingston, Alfred Erwin.....	Athens
Melick, Clark Owen.....	Axline
Moody, Victoria .....	Bartlett
Morris, Leota Blanche.....	Harrisville

Putnam, Virgene .....	Athens
Shupe, Lloyd Merle.....	Amanda
Walls, Louise King.....	Athens
Williamson, Charles Owen.....	Lancaster

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**SENIORS**

Adams, Evelyn Lyon.....	Cincinnati
Andrew, Lou Edna.....	Cincinnati
Badertscher, Jacob A.....	Beaver Dam
Bailey, Cora Ethlyn.....	Lilly Chapel
Bean, Cecil Calvert.....	Athens
Connor, Grace Bradford.....	Garrettsville
Cromer, Horace Emerson.....	Springfield
Douglas, Malcolm .....	Waverly
Foster, Harry Zadoc.....	Athens
Hawk, Helen Marie.....	Athens
Hildebrand, Frederick Byron.....	Cutler
Hough, Florance Harrison.....	Jamestown
Huhn, William .....	McArthur
Mayes, James Ray.....	Steubenville
Morgan, William Thomas.....	Athens
Palmer, Edith .....	Athens
Patterson, Lena Estelle.....	Athens
Porter, Frank .....	New Straitsville
Roush, Helen Elizabeth.....	Athens
Thomas, George Grindley.....	Jackson
Watkins, Mary Carson.....	Athens
Wisda, James William.....	Ney

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**SPECIAL NORMAL**

Bailey, Laura Belle.....	Athens
Blankenship, Gill Wesley.....	Rock Camp
Boelzner, Lena Ellen.....	Athens
Carpenter, Lewis Elton.....	Canaanville
Cowen, Leroy J.....	Athens
Elder, Mary Frances.....	Athens
Gamble, Sylvia Vesta.....	Athens
Groff, Edith Elizabeth, B. S.....	East Akron
Hall, Elizabeth Henderson.....	Marietta
Harper, Walter Jean.....	Monday
Harter, Florence Elizabeth.....	Bellville
Hayes, Clara Genevieve.....	Athens
Koons, Nelle Murael.....	Athens
Landsittel, Frederick Conrad.....	Athens
Langdon, Emma May.....	Washington C. H.
Lutz, George Wayne.....	Bidwell
McFarland, Heber .....	Center Belpre
Neptune, Elene .....	Caldwell

Nye, Bessie .....	Chauncey
Plummer, Ruby Markle.....	Jackson
Porter, Dana Dor.....	West Carlisle
Rose, Edward Allen.....	Kinsman
Spencer, Kay M.....	New York, N. Y.
Stauffer, Cela Louisa.....	Clarington
Theobald, Hedwig .....	Columbus
Thompson, Bert McCune.....	Byesville
Wiley, William .....	Kimball, W. Va.
Williams, Anna Pearl.....	Athens
Woodruff, Emma Birdella.....	Athens

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**CLASS OF 1908**

Adams, John William.....	Newark
Coultrap, Don C.....	Athens
Harter, Elizabeth .....	Marietta
Humphrey, Sara Clare.....	Ironton
Matheny, William Alderman.....	Athens
Nice, Leonard Blaine.....	Athens
Rowles, Ethel Ellen.....	Bremen
Stine, Oscar Clemen.....	Glouster

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**SUMMARY**

First Year in Elementary Education.....	54
Second year in Elementary Education.....	87
Third Year in Elementary Education.....	74
Freshmen .....	91
Sophomores .....	34
Juniors .....	18
Seniors .....	22
Special Normal .....	29
Seniors of 1908.....	8

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Total.....	417
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**ELECTRICAL ENGINEERING****Advanced Students**

Bechtol, Harvey Winfield.....	Baltic
Bemis, Arthur Sheldon.....	Aurora
Boyd, John Stanley.....	Canal Winchester
Coleman, Harry Baxter.....	Carrollton
Cox, Clarence Clifford.....	Gillespieville
Crooks, William Henderson.....	Forest
Davis, John Bruce.....	Georgetown
Donzy, Frederick William.....	Weston
Evans, Rhys David.....	Athens
Finnicum, John Lyle.....	Hopedale

Hankison, Lewis Ellsworth.....	Lancaster
Hickle, Clyde Monroe.....	Lithopolis
Hughes, George Russell.....	Key
Johnson, Howard Blane.....	Plants
Kanable, Grover Guy.....	Osceola
Keller, Cecil Ward.....	Bremen
Lapp, George Paul.....	Bucyrus
McClure, Oscar Earle.....	Seaman
Patterson, Jay Robert.....	Shiloh
Rader, Walter Earl.....	Blacklick
Raney, Estelle Coler.....	Crooksville
Shields, Buren Riley.....	Crooksville
Silvus, William Green.....	Athens
Speer, James Eberlein.....	Bloomingdale
Stevenson, Arthur James.....	Kenton
Taylor, Barnett Winning.....	Hendrysburg
Trimble, John Henry.....	Jacobsburg
Walsh, Charles Leo.....	Athens
Welch, Matthew Reed.....	Burgettstown, Pa.
Wetzel, Lewis Orvel.....	Carrollton
Williamson, Charles Owen.....	Lancaster
Williamson, Samuel Alpha.....	Amanda
Witherspoon, Guy Holliday.....	McArthur
Yaw, Otto Virgil.....	Gloster

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**First Year**

Allen, Herbert (Preparatory).....	Athens
Alspach, Jesse D.....	Canal Winchester
Ashbaugh, Robert Paul.....	Bremen
Bailey, Clyde Martin.....	Waterford
Blythe, Donald Rukenbrod.....	Carrollton
Boneysteele, Park .....	Bellaire
Boyd, Bert Dennis.....	Canal Winchester
Brubaker, Henry Sampson.....	Monongahela, Pa.
Burgoon, John Alden (Preparatory) .....	Athens
Carpenter, Lewis Elton (Preparatory)...	Canaanville
Carpenter, Maynard Alfred.....	Brilliant
Cope, Joseph Harold.....	Smithfield
Cowles, Ralph Cecil.....	Bedford
Crisp, Raymond George.....	Akron
Croninger, Arthur Celestil.....	Bryan
Cummings, Arthur Wallace.....	Uhrichsville
Davis, Franklin Armitage.....	Athens
Davis, Wiley (Preparatory).....	Bedford
Foust, Floyd Lee.....	Hicksville
Foust, Lloyd Dee.....	Hicksville
Gibson, Clyde Owen.....	Amesville
Glazier, Myron Selby.....	Amesville

Graham, Grover Cleveland (Preparatory)	Athens
Hanson, Fred Halliday (Preparatory) ..	Gallipolis
Hare, Marquis La Fayette.....	Fincastle
Hoisington, Ned Phillips.....	Amesville
Housel, Clay DeWitt (Preparatory) ..	Mogadore
Hughes, Alonzo Bayard.....	Key
Hume, Leonard Hilliard.....	Sidney
Hustis, Harold William.....	Brinckerhoff, N. Y.
Jasinsky, Dorca Lloyd.....	Rushsylvania
Kelly, Charles Gerald.....	Zaleski
Lambert, William (Preparatory) ..	Athens
Lenhart, Vinton Raymond.....	Coshocton
Leyda, Edgar James (Preparatory) ..	Monongahela, Pa.
McCullough, Joseph Thomas, Jr. ....	New Philadelphia
McFarland, Heber .....	Center Belpre
McCown, Kenneth Meldon.....	Proctorville
Miller, Ernest Carl (Preparatory) ..	Lorain
Miller, Rev Whittaker.....	New Paris
Nessler, Sidney Louis.....	Sidney
Nessley, Harold John.....	Kirkersville
Nye, Robert Eugene.....	Chauncey
Porter, Walter Alonzo.....	Kinsman
Pugh, Orren Lamar.....	Shreveport, La.
Rose, Edward Allen.....	Kinsman
Russell, Milford Marion.....	Athens
Schilling, Joseph Edward.....	Collins
Shaw, Robert Howard.....	Steubenville
Sloan, John Tolbert.....	Trimble
Stanley, Garth Blunden.....	Lowell
Stine, Walter Cleveland.....	Creola
Stout, Orin Clark.....	Stoutsville
Swinehart, Chester .....	Rushville
Taylor, Mason Elijah.....	Jamestown
Taylor, Zera Gibson.....	Petrolia, Pa.
Teeling, Rudy Bell.....	Millersburg
Timmerman, Warren .....	Oak Harbor
Townsend, Arthur Jean.....	New Philadelphia
Utrup, August George.....	Glandorf
Voigt, Eugene John.....	Holgate
Watkins, Sidney .....	Luhrig
Watson, Wade Trafton.....	Jelloway
Welsh, John Douglas.....	Carpenter
White, Clyde Lawrence.....	Coolville
Whitehead, John .....	Hudson
Whitley, Daniel Mauck.....	Proctorville
Williams, Rees Edgar.....	Gloster
Yauger, Harry Thomas.....	New Lexington

**CIVIL ENGINEERING****First Year**

Bechtol, Harvey Winfield.....	Baltic
Carr, George E.....	Stockport
Clark, William Allen.....	Junction City
Connett, Raymond Wendell.....	Athens
Cope, Joseph Harold.....	Smithfield
Deckard, Howard Clinton.....	Bowling Green
Fischer, Harry Everett.....	Highland
Hageman, Fred William.....	Cincinnati
Halbirt, Earl W.....	Canaanville
Hunter, Archibald Dean.....	Brinkhaven
Joyce, Francis Matthew.....	Canaanville
Lancaster, Hubert Ernest.....	Nelsonville
Lapp, Paul George.....	Bucyrus
McKinniss, Karl .....	Hamden Junction
Miller, Orla Glen.....	Athens
Moore, Walter Root.....	Athens
Patterson, Clifford Scott.....	Monongahela, Pa.
Patterson, Jay Robert.....	Shiloh
Pugh, Orren Lamar.....	Shreveport, La.
Shaw, Robert Howard.....	Steubenville
Silvus, William Green.....	Athens
Speer, James Eberlein.....	Bloomingdale
Stevenson, Arthur James.....	Kenton
Trisler, John Lafayette.....	Hartwell
Van Dyke, Ralph Arthur.....	Athens
Verwohlt, Clarence Herman.....	Tiltonsville
Wetherell, Guy Sylvester.....	Junction City
Wolf, William Fenton.....	Nelsonville
Wright, Oscar .....	Junction City
Yoakem, Foster Mendenhall.....	Vigo
Yoakem, Thomas Douglas.....	Vigo

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**Second Year**

Adams, Karl Langdon.....	Cincinnati
Beckler, Charles Rudolph.....	Athens
Bibbee, Elijah Clinton.....	Letart Falls
Blythe, Donald Rukenbrod.....	Carrollton
Byder, Charles Oliver.....	Carrollton
Clemmer, John Hugh.....	Hicksville
Cooper, David Miller.....	Athens
Crisp, Raymond George.....	Akron
Crow, Herman G.....	Madison Mills
Dorland, John Roy.....	West Salem
Hare, Marshall LaFayette.....	Fincastle
Hustis, Harold Milton.....	Brinckerhoff, N. Y.

Kent, Zeno Nichol.....	Chagrin Falls
Koons, Herbert Nelson.....	Athens
Melick, Clark Owen.....	Axline
Minesinger, Thomas William.....	New Cumberl'd, W.Va.
Morgan, Thomas Francis.....	Jackson
Nessler, Sidney Louis.....	Sidney
Nye, Robert Eugene.....	Chauncey
Pidgeon, Howard A.....	Pennsville
Russell, John Edgar.....	So. Burgettstown, Pa.
Stewart, Charles G.....	Hockingport
Warren, James Pratt.....	Athens
Watson, Wade Trafton.....	Jelloway
Wisma, James William.....	Ney

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## SCHOOL OF COMMERCE SECOND COLLEGIATE YEAR

Allard, Laura Eliza.....	Jackson
Bingham, Garnet Gertrude.....	Athens
Cable, William Ransom.....	Athens
Cranmer, Harvey Edward.....	Athens
Forsyth, Florance D.....	Monongahela, Pa.
Junod, Grace Marie.....	Athens
Livingston, Alfred Erwin.....	Athens
McLean, Nelle Charlotte.....	Athens
Moler, Arthur Lee.....	Athens
Murphy, Clayton Earle.....	Nelsonville
Parks, George Crawford.....	Hopedale
Sanzenbacher, Elizabeth .....	Piqua
Warren, Samuel Cyrus.....	Athens

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## FIRST COLLEGIATE YEAR

Baker, George Krauth.....	Zanesville
Beckley, Harry Clyde.....	McArthur
Black, Margaret Geneva.....	Athens
Carr, Mabel .....	Wellston
Dixon, Mary Elizabeth.....	Orwell
Erf, George Arthur.....	Monroeville
Lee, William William.....	Athens
Palmer, James Alonzo.....	Athens
Parks, Hugh Whiteford.....	Hopedale
Pickering, Goldie Gay.....	Athens
Pownall, Horton Calahan.....	Pomeroy
Schaeffler, Madeline .....	Athens
Studer, Robert John.....	Athens
Wilkes, Herman Bingham.....	Chadbourne, N. C.

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**SPECIAL COURSE COMPLETED IN 1908**

Allard, Laura Eliza (Accounting).....	Jackson
Battin, Emma Raybould (Accounting and Stenography) .....	Athens
Bingham, Garnet Gertrude (Accounting and Stenography) .....	Athens
Bishop, Helen Maud (Stenography).....	Athens
Brookins, Allena May (Accounting).....	Jackson
Cable, William Ransom (Accounting)...	Athens
Diggs, Charles Owen (Accounting).....	Lyndon
Forsyth, Florance D. (Accounting).....	Monongahela, Pa.
Hamilton, Frank Howard (Stenography). Monongahela, Pa.	
Hankison, Lewis Ellsworth (Accounting)	Lancaster
Harper, Walter Jean (Accounting).....	Monday
Henke, Heber Hunt (Accounting).....	Athens
Lax, Flo (Accounting and Stenography). Nelsonville	
Lee, William Walter (Accounting).....	Athens
McCLean, Nelle Charlotte (Stenography). Athens	
Martin, Stella May (Stenography).....	Athens
Moler, Arthur Lee (Accounting).....	Athens
Niggemeyer, Theodore Arthur (Account- ing) .....	Guysville
Parks, Hugh Whiteford (Accounting)...	Hopedale
Pennell, Golden Ercell (Stenography)...	Athens
Raley, Helen Louise (Stenography).....	Carrollton
Smith, Cordelia (Stenography).....	Elmwood
Smith, Lulu Gertrude (Stenography)....	Elmwood
Studer, Robert John (Accounting).....	Athens
Swanson, Hester Sarelda (Stenography)	Athens
Swanson, Mayme Hannah (Stenography)	Athens
Welch, Matthew Reed (Accounting).....	Burgettstown, Pa.
Wetzel, Lewis Orvel (Accounting).....	Carrollton

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**REVIEW, SPECIAL AND COURSE UNFINISHED**

Atkinson, Etta Violet.....	Athens
Bingham, George Alvin.....	Athens
Blankenship, Gill Wesley.....	Rock Camp
Boneysteele, Park .....	Bellaire
Bretz, Trafford .....	Pleasantville
Campbell, Edna V.....	Athens
Cox, Clarence Clifford.....	Gillespieville
Cooley, Lydia .....	Jackson
Crisp, Raymond George.....	Akron
Crooks, William Henderson.....	Forest
Crow, Herman G.....	Madison Mills
Cutright, Marie Matilda.....	Vigo
Davis, John Bruce.....	Georgetown

Donzy, Frederick William.....	Weston
Douglas, Malcolm .....	Waverly
Duncan, James Link.....	Athens
Eddy, Iva May.....	Athens
Edington, Nathaniel .....	Nelsonville
Elson, Winfred Paul.....	Athens
Fahrer, David .....	Rushville
Falloon, Helen Worth.....	Athens
Farley, Katherine Margaret.....	Athens
Finnicum, John Lyle.....	Hopedale
Fletcher, William Hugh.....	Athens
Flowers, Fanchon Maude.....	Nelsonville
Foster, Harry Zodoc.....	Athens
Frame, Augustus John.....	Athens
French, Mary Esther.....	Luhrig
Gilpin, Lawrence Thomas.....	Columbus
Greisheimer, Essie Maud.....	Chillicothe
Hageman, Fred William.....	Cincinnati
Hall, Ida May.....	Sidney
Hayes, Rose Elizabeth.....	Athens
Helfrich, John Wert.....	Carrollton
Hellyer, Ethel .....	Logan
Henke, Cecile Anita.....	Athens
Housel, Clay DeWitt.....	Mogadore
Howell, Harley Millard.....	West Manchester
Hughes, George Russell.....	Key
Humiston, Harry Devol.....	Waterford
Hummon, Sarah E.....	North Baltimore
Hutsinpiller, Edith Jeanette.....	Gallipolis
Jennings, Lewis Dale.....	West Carroll
Johnston, Vevay Grace.....	Little, Ky.
Jones, Evan Johnson.....	Athens
Kanable, Grover Guy.....	Osceola
Karn, Almeda .....	Cove
Kenney, Ralph Clinton.....	Athens
Knecht, Marie .....	Kensington
Koons, Herbert Nelson.....	Athens
Koons, Lena Imogene.....	Athens
Kurtz, Frank Bartlett.....	Athens
Laird, Martha Addine.....	Athens
Lamb, Grace Martha.....	Middleport
Lapp, Hulda Lulu.....	Bucyrus
Lapp, Paul George.....	Bucyrus
Law, George Gun.....	Portland, Ore.
Lewis, Ralph Amos.....	Sabina
Linton, Gladys Amy.....	Athens
Logan, William Henry.....	Athens
Love, Bessie E.....	Athens

McBee, Harry Brunker.....	Athens
McCarty, Phil .....	Logan
McClead, Frances .....	Athens
McClure, Oscar Earle.....	Seaman
McKinniss, Clarence .....	Hamden Junction
McNutt, Nellie Margaret.....	Athens
Martin, Neil McCune.....	Columbus
Maxwell, Virgil Coler.....	Athens
Merrick, Anna Marie.....	Kensington
Merrill, Frederick .....	Cutler
Miller, Earl Augustus.....	Athens
Miller, Ernest Carl.....	Lorain
Miller, Guy Dolphus.....	Bradford, Pa.
Minesinger, Thomas William.....	New Cumberl'd, W.Va.
Mullay, Maude .....	Portland, Ore.
Nelson, Ena Merle.....	Athens
Nye, Earl Lemoyne.....	Athens
O'Farrell, Mary Frances.....	Corning
Parker, Sidney Lester.....	Athens
Patterson, Charles Reif.....	Piketon
Pavey, Howard Douglas.....	Leesburg
Perkins, Will M.....	McArthur
Phillips, Edith Olive.....	Delaware
Phillips, Mary Leah.....	Athens
Plummer, Carrie Alta.....	Jackson
Portz, Edward .....	Newcomerstown
Price, John Henry.....	Athens
Pugh, Orren Lamar.....	Shreveport, La.
Rader, Walter Earl.....	Pataskala
Reading, Laura Lorinda.....	Athens
Regan, Margaret Frances.....	Columbus
Rockwell, Floyd .....	Jackson
Rose, Bessie Ella.....	Coolville
Rose, Edward Allen.....	Kinsman
Russell, Charles Higgins.....	Athens
Ruston, Caroline Therese.....	Athens
Sayre, Arthur Alan.....	Athens
Schaeffler, Charles Harry.....	Athens
Schloss, Mary Magdalen.....	Athens
Scott, Emma .....	Spencer, W. Va.
Shaner, Mary Ruth.....	Elliott
Sheumaker, Daisy Belle.....	West Rushville
Silvus, William Green.....	Athens
Slay, Erwin Joseph.....	Byesville
Sloan, John Tolbert.....	Trimble
Speck, Frank Richards.....	Uhrichsville
Speer, John Day.....	Bloomingdale
Steel, Elizabeth Morris.....	Chillicothe

Tharp, Ray Golden.....	Hemlock
Thompson, Eugene Franklin.....	Nelsonville
Thompson, Glenn Gates.....	Langsville
Trainer, Harry Townsend.....	Carpenter
Trimble, John Henry.....	Jacobsburg
Ullom, Charlotte Devol.....	Athens
Viney, Mary .....	Pine Grove
Vore, Lyle Dean.....	Athens
Walburn, Ralph Carlisle.....	Columbus
Walls, Callie King.....	Athens
Wharton, Marjorie Edith.....	Mineral
White, Robert Lee.....	Fairmount, Ill.
Whitmore, Flora Edna.....	Buchtel
Wood, Austin Vorhes.....	Athens
Woodruff, Emma Birdella.....	Athens
Yaw, Otto Virgil.....	Glouster

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### COLLEGE OF MUSIC

Alderman, Nelle Addine.....	Athens
Alderman, William Elijah.....	Athens
Allard, Laura Eliza.....	Jackson
Angell, Mary Leah.....	Athens
Armitage, Harriet Dean.....	Athens
Atkinson, Gertrude Aldine.....	Athens
Atkinson, Zella Fern.....	Zanesville
Bailey, Laura Belle.....	Athens
Baker, Faye Athens.....	Athens
Baker, Helen Weber.....	Zanesville
Baker, Emaline .....	Athens
Barton, Mary Hazel.....	Rutland
Batterson, Iva Pearl.....	Bryan
Bean, Cecil Calvert.....	Athens
Beckler, Edith Blanche.....	Athens
Bethel, McKinley .....	Athens
Bethel, Nina Pauline.....	Athens
Bishop, Lenora Belle.....	Athens
Bishop, Mary Virginia.....	Athens
Black, Flora Miriam.....	Athens
Boelzner, Wilhelmina Rose.....	Athens
Bolin, Eleanor .....	Athens
Bolton, Agnes .....	Athens
Bolton, Julia Irene Ruth.....	Athens
Bolton, Rudolph Ray.....	Mendon
Bowers, Lena .....	Albany
Bowser, Ida Elizabeth.....	Columbus
Brickles, Lulu Harper.....	Athens
Brison, Mary Juanita.....	West Gore, Nova Sco.

Brooks, Dana Frances.....	Athens
Bryson, Lucy Weethie.....	Athens
Bryson, Phyllis .....	Athens
Buchan, Olive Jean.....	Mingo Junction
Buchanan, Edith Amanda.....	Basil
Burgess, Ethel Julia.....	Cutler
Burrell, George Richard.....	Freeport
Burson, Lucile Coe.....	Shade
Bush, Georgia Hall.....	Athens
Cable, Julia Luella.....	Athens
Cable, Pearl Golden.....	Nelsonville
Carpenter, Aileen Clare.....	Athens
Carpenter, Anna Adrian.....	Athens
Carpenter, Edith Marie.....	Athens
Carpenter, Freda .....	Athens
Carr, George E.....	Stockport
Carskadden, Adria Aldine.....	Athens
Chappelear, Faith .....	Athens
Chappelear, Mary Laurette Burdsal.....	Athens
Charlton, Ruth Grace.....	Stewart
Cherrington, Harold Edgar.....	Alice
Chrisman, Oscie Dru.....	Athens
Chubb, Catherine .....	Athens
Chute, Berenice Fauney.....	Jacksonville
Cline, Lizzie Faye.....	Albany
Coates, Anna Pearl.....	Nelsonville
Coe, Alta .....	Athens
Coe, Mabel May.....	Albany
Copeland, Charlotte .....	Athens
Copeland, Dean Burns.....	Athens
Copeland, Edna Florence.....	Athens
Copeland, Nelle Elizabeth.....	Athens
Coulson, Leah Iris.....	Athens
Cromley, Edith Baker.....	Athens
Crumit, Frank Poore.....	Jackson
Curfman, Dwight .....	Glouster
Danford, Blanche Marion.....	McConnelsville
Davis, Margaret Anne.....	Clay
Davisson, Venus Marie.....	Charleston, W Va.
DeMolet, Charles, Jr.....	Athens
Dent, Vina May.....	Athens
Doan, Byron Harley.....	Frost
Donzy, Frederick William.....	Weston
Driggs, Bessie Irene.....	Athens
Dunbar, Carrie Mildred.....	Cutler
Dunkle, Herbert Bothwell.....	Athens
Dunstan, Flavia Adelaide.....	Granville
Duppstadt, Clara Belle.....	Semerset, Pa.

Dye, Marian Rebecca.....	Hamden Junction
Earhart, Elizabeth .....	Athens
Eaton, Edith Mildred.....	Huntington, W. Va.
Eckelberry, Roscoe Huhn.....	McArthur
Edgerley, Grace .....	Johnstown
Edleman, Arthur Grant.....	Athens
Edwards, Mary Ethel.....	Syracuse
Evans, Rhys David.....	Athens
Falloon, Helen Worth.....	Athens
Faris, Lillie Anne.....	Lynchburg
Farrar, Anna Maude.....	Glouster
Feisley, Carrie Ora.....	Clarington
Fenzel, William Henry.....	Athens
Ferrell, Carl Kenneth.....	Zanesville
Fiedler, Charles Kern.....	New Philadelphia
Finsterwald, Charles Frederick.....	Guyssville
Flegal, Margaret Catherine.....	Zanesville
Flowers, Fanchon Maude.....	Nelsonville
Forsyth, Florance D.....	Monongahela, Pa.
Foster, Frances .....	Athens
Frances, Mildred Isabel.....	Athens
Gallaher, Myrtle Ione.....	Clarington
Gamble, Sylvia Vesta.....	Athens
Gillett, Kittle Rea.....	Athens
Gilpin, Lawrence Thomas.....	Columbus
Ginnan, Mary Ellen.....	Athens
Goldsberry, John Russell.....	Athens
Gordon, John .....	Glouster
Green, Lizzie Belle.....	Athens
Gross, Carl Lenox.....	Athens
Groves, Nettie Arvilla.....	Lancaster
Hall, Elizabeth Henderson.....	Marietta
Haning, Fred .....	Canaanville
Harter, Florence Elizabeth.....	Bellville
Hauschmidt, Lillian Mabel.....	Piqua
Hawk, Helen Marie.....	Athens
Hayes, Clara Genevieve.....	Athens
Heald, Hattie Estelle.....	Butler
Helfrich, John Wert.....	Carrollton
Henke, Heber Hunt.....	Athens
Henry, Alice .....	Athens
Henry, Virgene Woodworth.....	Athens
Higgins, Bessie Inez.....	Athens
Higgins, Frances .....	Portsmouth
Higgins, Hannah Louise.....	Athens
Hildebrand, Frederick Byron.....	Cutler
Hill, Frances May.....	Athens
Hoover, Thomas Nathanael.....	Piketon

Horsnell, Anna Mabel.....	St. Paul, Minn.
Howe, Mary Blanche.....	Athens
Howe, Maude .....	Athens
Huhn, William .....	McArthur
Humphrey, Sara Clare.....	Ironton
Hurd, Bertha Opal.....	Laings
Hurd, Minnie Ophelia.....	Laings
Jackson, Pearl M.....	Jonesboro, Ind.
Jacobs, Gertrude Marian.....	Jackson
Jones, Anna May.....	Glouster
Junod, Grace Marie.....	Athens
Kelley, Carl Chester.....	Nowatta, Okla.
Kelley, Dorothy Margaret.....	Freeport
Kelley, Hattie Luella.....	Lima
Kenney, Lora May.....	Athens
King, Elizabeth .....	Glouster
Kircher, Dorothy .....	Athens
Koons, Nelle Murael.....	Athens
Krapps, Hazel L.....	Athens
Krapps, Zelina Katherine.....	Athens
Kurtz, Frank Bartlett.....	Athens
Lamb, Grace Martha.....	Middleport
Lang, Grace .....	Athens
Langdon, Emma May.....	Washington C. H.
Lantz, Dena Merle.....	McArthur
Lantz, Pearl Frances.....	McArthur
Lapp, Hulda Lula.....	Bucyrus
Lash, Greta Alecia.....	Athens
Lash, Mayme Belle.....	Athens
Law, Christine Elizabeth.....	Chauncey
Lawrence, Lydia Grace.....	Guysville
Leete, Constance Grosvenor.....	Athens
Leete, Louise Grosvenor.....	Athens
Lewis, Charles Raymond.....	Rushville
Light, Blanche Olivia.....	Guysville
Logan, Elizabeth Mearle.....	Athens
Logan, Olive Virginia.....	Athens
Lumley, Bertha .....	Rootstown
McAdoo, Madge Vickers.....	Mineral
McBee, Edith Forrest.....	Athens
McBurney, Cora Marguerite.....	Barnesville
McCleery, Nellie Fern.....	Basil
McDonald, Lucy Annette.....	Nelsonville
McEndree, Olive Balerma.....	Barnesville
McGlinchay, Viola Blanche.....	Galloway
McKay, Helen .....	Guysville
McKinstry, Hazel Leona.....	Athens
McKinstry, Mary Claire.....	Athens

McVay, Charles Don.....	Athens
Martin, Peter Elwyn.....	Athens
Martindill, Clara .....	Hamden Junction
Mason, Florence Adda.....	Athens
Merritt, George Wood.....	Columbus
Merritt, Kathleen Wood.....	Columbus
Miller, Harry Percy.....	Springdale
Millikan, Agnes Dyson Beck.....	Athens
Mills, Mildred .....	Athens
Mitchell, Eva Louise.....	Pt. Pleasant, W. Va.
Moore, Sylvia .....	Athens
Morgan, William Thomas.....	Athens
Morris, Leota Blanche.....	Harrisville
Mullay, Maude .....	Portland, Ore.
Myers, Oral Hunton.....	Lancaster
Nelson, Florence Elizabeth.....	Athens
Nelson, Jennie .....	Gloster
Neptune, Ellene .....	Caldwell
Newton, Madge Alice.....	Athens
Northup, Arnett Almon.....	Nauvoo, Ill.
Nye, Bessie .....	Chauncey
Pake, Edward Howe.....	Bainbridge
Parfitt, Edith May.....	Nelsonville
Parker, Edna Lucile.....	Athens
Parker, Floyd .....	Athens
Parker, May .....	Athens
Parks, Hazel Belle.....	Glenford
Peoples, Orinda Foster.....	Athens
Percy, Vincent Harper.....	Athens
Percy, Willard Henry.....	Athens
Perkins, Ione Marie.....	McArthur
Pickett, Helen Emma.....	Athens
Plummer, Ruby Markle.....	Jackson
Pond, Ronald Barton.....	Athens
Pond, Walter Allen.....	Athens
Porter, Bessie Maude.....	West Carlisle
Porter, Dana Dor.....	West Carlisle
Portz, Edward .....	Newcomerstown
Portz, Ella Clara.....	Newcomerstown
Powell, William Minnich.....	Beckett
Radcliffe, Ethel Omega.....	Athens
Rambo, Florence Marie.....	Zanesville
Rhoads, Alma .....	Athens
Ridenour, Harry Lee.....	New Lexington
Roach, Edith Marie.....	Athens
Robbins, Kenneth Minor.....	Athens
Roush, Helen Elizabeth.....	Athens
Roush, Lillian .....	Athens

Rowan, Marie Gertrude.....	Hattiesburg, Miss.
Rowles, Ethel Ellen.....	Bremen
Sayre, Arthur Alan.....	Athens
Schaeffler, Charles Harry.....	Athens
Schaeffler, Madeline .....	Athens
Scheer, Nelle Cora.....	Zaleski
Secoy, Ina May.....	Athens
Secoy, Wilbur M.....	Athens
Selby, John D.....	Athens
Shirkey, Della Miriam.....	Jacksonville
Smith, Lenora Fay.....	Stewart
Smith, Mary Vanetta.....	Athens
Smith, Willie Gordon.....	Chauncey
Speck, Austa Belle.....	Uhrichsville
Speck, Frank Richards.....	Uhrichsville
Sprague, Lenore Adalene.....	Chauncey
Stage, John Edward.....	Lancaster
Starr, Dano Elmer.....	Athens
Starr, Elma Vera.....	Athens
Stauffer, Cela Louisa.....	Clarington
Steinel, Irving Arthur.....	Milwaukee, Wis.
Stewart, Hulda Ellen.....	Harrisonville
Stookey, Leah .....	New Holland
Swope, Charles B.....	Glouster
Swope, Russell .....	Glouster
Taggart, Florence Estelle.....	East Liverpool
Taylor, Olive .....	Athens
Taylor, Susie .....	Athens
Thomas, Deborah .....	Athens
Thomas, Grace Darling.....	Athens
Thompson, Catherine .....	Chauncey
Thorpe, Eva Marie.....	Caldwell
Thurlow, Genevieve Baker.....	Athens
Treduley, Ruth .....	Athens
Ullom, Charlotte Devol.....	Athens
Vernon, Ira Otis.....	Glouster
Voegtly, Nelle Leona.....	Hannibal
Walker, Mary Edith.....	Athens
Walsh, Ethel Xavier.....	Athens
Warner, Nora .....	Oreton
Warren, Samuel Cyrus.....	Athens
Warrener, Mary Estelle.....	Athens
WARTHMAN, Wilma Hayes.....	Athens
Webster, Delpha May.....	Athens
Welday, Samuel Oliver.....	Bloomingdale
Westhafer, Ella Virginia.....	Uhrichsville
Whitcomb, Charles Thatcher.....	Uhrichsville
White, Clyde Lawrence.....	Coolville

Wilcox, Julia Ida.....	Hudson
Wilkes, Ernest Constantine.....	Athens
Will, Dorothy .....	McArthur
Williams, Anna Pearl.....	Athens
Williamson, Charles Owen.....	Lancaster
Williamson, John .....	Gloster
Williamson, Lida Catherine.....	Cheshire
Wilson, Florence Craig.....	Athens
Wiper, Mary A.....	Marietta
Wolfe, Forrest Eugenie.....	Athens
Woods, Olah Angell Hooper.....	Athens
Wyatt, Garnet Clare.....	Gloster
Yankey, Flora Gay.....	Madisonville
Zenner, David Roe.....	Athens
Zenner, Philip McKnight.....	Athens

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## SUMMER SCHOOL

Adam, Mary Helena.....	Newark
Adams, John William.....	Newark
Alderman, Nellie Addine.....	Athens
Alderman, William Elijah.....	Athens
Alford, James Perry.....	Bremen
Allen, Walter Osman.....	New Plymouth
Armstrong, Lyman Walter.....	Bellville
Artherholt, Edith Pearl.....	Garrettsville
Artherholt, Floy .....	Garrettsville
Badertscher, Jacob A.....	Beaver Dam
Badgley, Howard James.....	Cincinnati
Bailey, Clyde Martin.....	Waterford
Bailey, Cora Ethlyn.....	Lilly Chapel
Baker, Effie .....	Thornville
Baker, Lottie .....	Newark
Baker, Mary Emaline.....	Athens
Baker, Rollo .....	Vanatta
Balderson, Mary Emma.....	Amesville
Balderson, Olney F.....	Amesville
Barber, Harriet Fenimore.....	Fremont
Barnes, Mildred Crystal.....	Sabina
Barnes, Nora Esther.....	Oreton
Bartlett, Gertrude .....	Waterford
Bean, Cecil Calvert.....	Athens
Bean, Leo Chapman.....	Gallipolis
Beath, Emma Augusta.....	Hillsboro
Beatty, Harry Taylor.....	Franklin Furnace
Bechtol, Harvey Winfield.....	Baltic
Beecher, Gladys .....	Newark
Beery, Amy .....	Rushville

Beery, Jean Z.....	Rushville
Bell, Arl Mary.....	Athens
Bellamy, Pearl Margaret.....	Vermilion
Bess, Jennie .....	Brilliant
Bethel, McKinley .....	Athens
Biddle, Benjamin Harrison.....	Athens
Bingham, Garnet Gertrude.....	Athens
Bingham, George Alvin.....	Athens
Bishop, Mary Virginia.....	Athens
Black, Belle .....	Nelsonville
Blackburn, Alice .....	Shawnee
Blackstone, Alva .....	Cumberland
Blakely, Edith May.....	Beckett
Blakely, Josephine Anna.....	Lowell
Blower, George Cromwell.....	Gloster
Bobo, Bertha .....	Athens
Bohrer, William Chloe.....	Arnheim
Bolton, Rudolph Ray.....	Mendon
Bouts, John Harry.....	South Webster
Boyer, Edith Janette.....	Byer
Braley, Mac Rollin.....	Athens
Brandt, Chauncey Quay.....	Kilgore
Brandt, Elizabeth .....	Kilgore
Brast, Bertha Edna.....	Powhatan Point
Bretz, Trafford .....	Pleasantville
Bridgman, Bertha .....	Summerfield
Brooks, Edgar .....	Marshfield
Brooks, Grace .....	Marshfield
Brotton, Rosalie .....	Caldwell
Brown, Eva Faye.....	Toronto
Brown, John Augustus.....	Gloster
Brown, Myrtle .....	Columbus
Brown, Orlando Dwight.....	Bremen
Browning, Louise .....	Belpre
Bruner, Edna Leona.....	Fremont
Buch, Caroline Mary Ella.....	Massillon
Buchanan, David Lewis.....	Unionport
Buchanan, Edith Amanda.....	Basil
Buckley, Charles Albert.....	Sayre
Burgoon, John Alden.....	Athens
Burkett, Mary Julia.....	McArthur
Burns, Edna Primrose.....	McArthur
Burr, Amelia .....	Dorset
Burrell, Ilo .....	Croton
Bush, Harriett Florence.....	Williamsfield
Byers, Clyde .....	Jackson
Campbell, Luna .....	Belpre
Campbell, Mary Belle.....	Kimbolton

Cameron, Albert F.	Bourneville
Carleton, Eliza	Kingsbury
Carroll, Marie	Beckett
Carskadden, Adria	Athens
Chappelear, Mary Laurette Burdsal	Athens
Chase, Lillian	Rutland
Chee, Paul	New York City
Cheeseman, Truman C.	Grove City, Fa.
Christman, Jacob Branch	Athens
Clark, Clyde Alexander	Thurman
Clark, Elizabeth	Hillsboro
Clark, Helen	Thurman
Clark, Mary Ethel	Rockland
Clark, William Henry	Chillicothe
Clegg, Alva Earl	Round Bottom
Cleghorn, Minnie Lucretia	Norwalk
Cline, Jessie	Savannah, Mo.
Colborn, Elsie Belle	Columbus
Colegrove, Jennie Moore	Sayre
Collins, Frances Pauline	Medina
Conry, Mary Evelyn	Collins
Comstock, Joseph Hooker	Athens
Conklin, Mary Naomi	Coolville
Conner, Grace Bradford	Garrettsville
Cooley, Calla Ernestine	Athens
Cooley, Lydia	Jackson
Cooper, David Miller	Athens
Cooper, Iva Gertrude	Ray
Copeland, Nellie Elizabeth	Athens
Cottrill, Benjamin Harrison	Gillespieville
Coulter, Zelma	Sayre
Cowen, Leroy J.	Athens
Cox, Ellis Van Hise	Dayton
Crandall, Nellie Agnes	Madison
Crawford, Gusta	New Holland
Cleal, Clara	New Philadelphia
Creamer, George Fulton	Bridgeport
Croninger, Arthur Celestil	Bryan
Crossen, Constance Zura	Athens
Crout, Boyd Merrill	Dresden
Cryder, Ermine	Chillicothe
Cryder, Maude	Vigo
Curtis, Grace	Amesville
Cutler, Helen	Jasper
Cutright, Mollie	Vigo
Dalley, Lloyd Thomas	Athens
Daily, Maude Hays	Chillicothe
Darrah, Nora Olive	Macksburg

Daugherty, Elmer .....	Portland
Davis, Claudia Lucile.....	Ringgold
Davis, Ida Williams.....	Newark
Davis, John Bruce.....	Georgetown
Davis, Laura .....	Grove City
Davis, Margaret Stella.....	Jackson
De Barry, Edith.....	Oakland, Md.
Dean, Mary Veronica.....	Brilliant
Dempsey, Estel .....	Ray
Denney, Lulu Bertha.....	Hopewell
Dickerson, Harlan Jewett.....	South Zanesville
Dirlam, Julia .....	Huntington
Dixon, Asher Hooper.....	Beverly
Dxon, Esther .....	Orwell
Dohm, Mary Laurine.....	Pioneer
Donaldson, Leona Victoria.....	Westerville
Drumm, Nelle .....	Gnadenhutten
Drury, Roy .....	Gloster
Dunkle, Herbert Bothwell.....	Athens
Dutton, Ethel .....	Chesterhill
Dye, Anna .....	Coolville
Dye, Lucy .....	Coolville
Dyson, Lucile .....	Amesville
Eaton, Edith Mildred.....	Huntington, W. Va.
Eaton, Mary Jane.....	Circleville
Edgerley, Grace .....	Johnstown
Edgerton, Lulu Lydia.....	Chesterhill
Edington, Hazel Clare.....	Nelsonville
Elliott, Dora .....	Bellaire
Elliott, Henry Hudson.....	Maysville, Ky.
Elson, Delma Viola.....	Athens
Elson, Winfred Paul.....	Athens
Epple, Nettie .....	Pomeroy
Erf, George Arthur.....	Monroeville
Evans, Amy .....	Portsmouth
Evans, Jennie .....	Athens
Evans, Nellie .....	Granville
Evans, Margaret Ellen.....	Portsmouth
Evans, Rhys David.....	Athens
Eyre, Ottis Alva.....	Seaman
Falloon, Helen Worth.....	Athens
Faris, Lillie Anne.....	Lynchburg
Farmer, Mary Orpha.....	Portsmouth
Fattig, Perry Wilbur.....	West Rushville
Feisley, Carrie Ora.....	Clarington
Finley, Edna .....	Prospect
Finsterwald, Fredia .....	Athens
Flesher, Orion Herbert.....	Middleport

Fletcher, Bess .....	Fostoria
Fling, Albert .....	Hillsboro
Foote, Essie B.....	Sharon
Foreman, Edna Belle.....	Fremont
Forsyth, Florance D.....	Monongahela, Pa.
Forward, Elizabeth Lynn.....	Plantsville
Foster, Ivy Claire.....	St. Clair
Francisco, Eunice Elizabeth.....	Norwalk
Frazier, Helen .....	South Zanesville
Fri, Olan Euzeda.....	Creola
Frost, Eva .....	Athens
Frost, Naomi .....	Frost
Frye, Glenn .....	Chillicothe
Fullerton, Clark .....	Lucasville
Fulton, Norman .....	Shade
Fultz, Cora Louise.....	Jeffersonville
Fultz, Lenora Frances.....	Washington C. H.
Fulwider, William Elbert.....	Athens
Gage, Gladys .....	Lowell
Gant, Clinton .....	Murray
Gardner, Edith Estelle.....	Proctorville
Gardner, Elizabeth Pearl.....	Proctorville
Garland, Ethel .....	Pomeroy
Gamble, Sylvia Vesta.....	Athens
Geer, Ethel .....	Toledo
Gerwick, John Guy.....	Zanesville
Gibbs, Gladys .....	Luhrig
Giles, Nathan Blaine.....	Stockdale
Gillogly, Mabel .....	Albany
Goddard, Fred Benoni.....	Cutler
Golden, James Brown.....	Athens
Gordon, Bessie Lillian.....	Mineral City
Gould, Victoria May.....	Cincinnati
Graham, Constance .....	Athens
Graham, Orpha .....	Athens
Grant, Mary .....	South Webster
Graves, Sophronia .....	Somerset
Gregg, Chandler Clark.....	Pleasant City
Gregg, Moody Longsworth.....	Pleasant City
Grice, Lenna May.....	Highland
Griffith, Leona .....	Granville
Gross, Carl Lenox.....	Athens
Gross, Haidee Coral.....	West Unity
Growdon, Clarence .....	Chillicothe
Grubb, David .....	Johnstown
Guthrie, Clara Edna.....	Alfred
Guy, Willard Arthur.....	Athens
Haas, Bessie Carolyn.....	Lower Salem

Haines, Iva Emma.....	Athens
Haley, Anna .....	Wheelersburg
Halbirt, Lucy Keturah.....	Canaanville
Hall, Elizabeth Henderson.....	Marietta
Hall, Florence .....	Philo
Hall, Ida May.....	Sidney
Hall, William Loring.....	Portland
Hall, Malvina .....	Sidney
Hankinson, Bessie .....	Granville
Harbourt, Stephen Ambrose.....	Andover
Hardin, Anna Belle.....	Gambier
Harley, Blanche .....	Findlay
Harper, Bessie .....	Wellston
Harper, Esther Amy.....	Wellston
Harper, Walter Jean.....	Monday
Hast, Lydia Katherine.....	Berlin Heights
Hatch, Henry Arlow.....	Athens
Hawk, Helen Marie.....	Los Angeles, Calif.
Hawk, James Finly.....	Petrolia, Pa.
Hawk, Lenna .....	Sargents
Hayden, Charles Ernest.....	Nelsonville
Hayes, Clara Genevieve.....	Athens
Hayes, Rosa Elizabeth.....	Athens
Hayes, Winifred .....	Guysville
Headley, Ross .....	Athens
Hellyer, Ethel .....	Logan
Hemphill, Winona .....	Copley
Henderson, James Frederick.....	Portland
Herrold, Daisy Irene.....	Nelsonville
Herrold, Grace May.....	New Plymouth
Herrold, Russell Phillips.....	Athens
Hewitson, Thomas Lorrimer.....	Amanda
Hewitt, Faye .....	Marshfield
Hickman, Charles Arthur.....	Round Bottom
Hickox, Jay Gilmore.....	Novelty
Higgins, Frances .....	Portsmouth
Higgins, Hannah Louise.....	Athens
Hightshoe, Edna .....	Somerset
Hildebrand, Frederick Byron.....	Cutler
Hill, Carrie Oakley.....	Senecaville
Hilliard, James Culver.....	South Perry
Hindman, Vernard .....	Beckett
Hine, Bessie .....	Cortland
Hoffmeister, Alexander Charles Max.....	Athens
Hogue, Pearl Beatrice.....	Stafford
Holcomb, May .....	Moxahala
Holzhauser, Emma .....	Berlin Heights
Houdashelt, May .....	Minersville

Howe, Mary Blanche.....	Athens
Huffman, George Leroy.....	Chandlersville
Humiston, Harry Devol.....	Waterford
Hupp, James Lloyd.....	Hemlock
Hurd, Bertha Opal.....	Laings
Hurd, Minnie Ophelia.....	Laings
Hurr, Carrie Alberta.....	Bucyrus
Hutsinpiller, Edith Jeanette.....	Gallipolis
Ice, Gertrude Florence.....	Glenford
Jackson, Goldie Catherine.....	Hubbard
Jackson, Jessie .....	Athens
Jacoby, George William.....	Vincent
James, Ethel .....	Kyger
Johnson, Aristis .....	Charleston, W. Va.
Johnson, Gladys .....	Basil
Johnson, Jennie Olive.....	Norwich
Johnson, May .....	Basil
Johnson, Pearl May.....	Farmdale
Johnson, Verna .....	Athens
Johnston, Edna Earl.....	Little, Ky.
Jones, Estella .....	Charleston, W. Va.
Jones, Evan Johnson.....	Athens
Jones, Frederick Clifford.....	Nelsonville
Jones, Irene .....	Clarksburg
Jones, Kate .....	Jacksonville
Jones, Rupel Johnson.....	Athens
Jourden, Sarah Evelyn.....	Athens
Kelley, Homer Clyde.....	New Lexington
Kennard, Mattie .....	Carbondale
Kerr, Paul Bentley.....	Hicksville
Kester, Mayme .....	Lancaster
King, Edward Riley.....	Creola
Kirk, Georgiana .....	Jeffersonville
Kirkbride, Carl Chester.....	Ringgold
Kirkendall, Emmett Royal.....	Athens
Kirschenschlager, Hazel .....	Chillicothe
Knauer, Julius Guy.....	Jeffersonville
Korner, Amy Augusta.....	Powhatan Point
Krapps, Zelma Katherine.....	Athens
Kratsch, Emma Sophie.....	Massillon
Krout, Webster Sherburn.....	Bremen
Kuhn, Edwin Howard.....	Sugar Grove
Kuhner, Clara Ella.....	South Webster
Kumler, Nettie .....	Baltimore
Kutz, Elizabeth May.....	Columbus
Kurtz, Frank Bartlett.....	Athens
Kym, Frank L.....	Somerset
La Bounty, Letta Leone.....	Chicago

Landsittel, Frederick Conrad.....	Amanda
Lane, Nona .....	Nelsonville
Langenberg, Fred Charles.....	Bremen
Langenderfer, Barbara .....	Toledo
Lapp, George Paul.....	Bucyrus
Lawrence, Maria May.....	Vermilion
Lawrence, Ruby Roberts.....	Marysville
Le Roy, Verne Emery.....	Athens
Leake, Edith .....	Sunbury
Lee, Benjamin Franklin.....	Wilberforce
Lee, Estella Clarissa.....	Athens
Leifheit, Mabel .....	Pomeroy
Lindsay, Madge .....	Bridgeport
Linn, Edith Olive.....	Nelsonville
Linton, Estella .....	Nelsonville
Littlejohn, Leona .....	Baltimore
Lively, Ora Clyde.....	Wellston
Livingston, Alfred Erwin.....	Athens
Lochary, Julia .....	Pomeroy
Logan, John Arthur.....	Athens
Logan, William Henry.....	Athens
Leong, Chui .....	Canton, China
Long, James Arthur.....	Athens
Law, George Gun.....	Portland, Oregon
Lowden, George Henry.....	Nelsonville
Lutz, George Wayne.....	Rutland
Lynch, Maude .....	Athens
McCampbell, Flora .....	Plain City
McCandlish, Edna Belle.....	Bremen
McCarthy, Phil .....	Logan
McCarty, Leander James.....	San Toy
McClelland, Howard Dalton.....	Pennsville
McClure, Oscar Earle.....	Seaman
McCorkle, Walker Ellsworth.....	Dawson
McCoy, Dorothy .....	Bloomingburg
McCullough, Lida .....	Bremen
McDonald, Donald Parker.....	Byesville
McElroy, Nelle .....	Marysville
McEndree, Olive Balerma.....	Barnesville
McFarland, Heber .....	Center Belpre
McGinnis, John Shaw.....	Trinway
McHenry, Nelle .....	Athens
McKee, Effie .....	Nelsonville
McKee, Stella .....	Nelsonville
McKinstry, Cassandra Bartlett.....	Athens
McNealy, Nellie .....	Newark
McReynolds, Lavone .....	Athens
McReynolds, Wilbur Reece.....	Athens

McVay, Francis Halbert.....	Beverly
McVey, Grace .....	Highland
Macklin, Mirza Myrtle.....	Tarlton
Marshall, Francis Cyrus.....	Beaver Dam
Martin, Earl Fletcher.....	Seaman
Martin, Elizabeth .....	Albany
Martin, Neil McCune.....	Columbus
Matheny, Clarence Albert.....	Athens
Matheny, William Alderman.....	Worcester, Mass.
Mayes, James Ray.....	Steubenville
Meredith, Irwin Cecil.....	Newport
Merrick, Charles Edward.....	Kensington
Merritt, Bertha .....	Athens
Merritt, George Wood.....	Columbus
Metcalf, Clarence Vincent.....	Gambier
Metzler, Mabel .....	Findlay
Miller, Fletcher McCoy.....	Athens
Miller, Guy Dolphus.....	Bradford, Pa.
Miller, Harry Percy.....	Springdale
Miller, Lewis Harrison.....	Millwood, W. Va.
Miller, Orlie Glen.....	Athens
Miller, Stella .....	Hamden Junction
Mincks, Rebecca .....	Coal Run
Minesinger, Thomas William.....	New Cumberland,
Minner, Warner Collins.....	Dresden
Mitchell, Leonard .....	New Straitsville
Mitchell, Mabel Emma.....	Newark
Moody, Georgia .....	Athens
Moody, Vittoria .....	Bartlett
Moore, Lulu Nevada.....	Philo
Moore, Lou .....	Chillicothe
Moorehead, Josephine .....	Van Wert
Morgan, Bessie Agnes.....	Dresden
Morgan, Jennie .....	Nelsonville
Morgan, Thomas Francis.....	Jackson
Morgan, William Thomas.....	Athens
Morris, Amos Reno.....	Carroll
Morris, Hattie .....	Carroll
Morris, Margaret Martina.....	Magrew
Morris, Mary Jane.....	Magrew
Morris, Nellie Abigail.....	Magrew
Morris, Theodore Lawrence.....	Byesville
Morrow, Sydney .....	Toronto
Mowbray, Bessie Irene.....	Frankfort
Murphy, Clayton Earl.....	Nelsonville
Myers, Jay .....	Croton
Myers, Marian Adeline.....	Waverly
Neff, Everett Lowell.....	Albany

Neptune, Ellene .....	Caldwell
Nolan, Mabel Genevieve.....	Euclid
Norris, George Newton.....	Stewart
Norris, Lillian Daisy.....	Chillicothe
Nye, Earl Lemoyne.....	Athens
Nye, Robert Eugene.....	Chauncey
Ogan, Louise .....	McArthur
Ogg, Verda Lenora.....	Ethel
Organ, May Florence.....	Chillicothe
Osborn, Carl Raymond.....	Summit Station
Pake, Edward Howe.....	Bainbridge
Palmer, Edith .....	Athens
Palmer, Frank Harlan.....	Glenford
Parr, Herbert .....	St. Louisville
Patterson, Jay Robert.....	Shiloh
Patterson, Lena Estelle.....	Athens
Perkins, Ione Marie.....	McArthur
Perrill, Gertrude .....	Ashville
Peters, Bertha Beatrice.....	Robins
Phillips, Lonnis .....	Beckett
Pickering, Goldie Gay.....	Athens
Porter, Faye .....	Oberlin
Porter, Frank .....	New Straitsville
Portz, Edwin Arthur.....	Stone Creek
Powers, Grace .....	Hudson
Preston, Everett McKee.....	Coshocton
Price, Elizabeth .....	Crooksville
Price, Jennie Lovina.....	Athens
Price, John Henry.....	Athens
Price, Marie Louise.....	Athens
Pugh, Frank Kaygay.....	Lancaster
Putnam, Virgene .....	Athens
Quinton, John Murray.....	Lithopolis
Ray, Lillie May.....	Mt. Sterling
Regan, Margaret Frances.....	Columbus
Reed, Bessie .....	Andover
Reed, Mary Minerva.....	Wilkesville
Reif, May .....	Wheelersburg
Reinke, Margaret .....	Gnadenhutten
Rhoades, Alma .....	Athens
Rhoades, Fred Lawwill.....	Cottageville, W. Va.
Richards, John Conrad.....	Carrollton
Richardson, Mary Hazen.....	Oberlin
Rickey, Edna .....	Athens
Ridenour, Clarence Ray.....	New Lexington
Rife, Cora .....	Kyger
Rittemeyer, Anna .....	Buchtel
Rittenberry, Mildred May.....	Buchtel

Roach, Edith Marie.....	Athens
Robertson, Nann Lee.....	Sidney
Rogers, Harriet Antoinette.....	Granville
Rose, Bessie Ella.....	Guysville
Ross, Mabel .....	Marshfield
Roush, Helen Elizabeth.....	Athens
Ruffing, Eleanor H.....	Norwalk
Rupe, Elta Jane.....	Cheshire
Russell, Milford Marion.....	Athens
Sanders, Mary Capitolia.....	Marshfield
Sayre, Arthur Alan.....	Athens
Schaeffer, Otto Walter.....	Carroll
Schaeffler, Charles Harry.....	Athens
Scheer, Nelle Cora.....	Zaleski
Schilling, Cora .....	Galloway
Schmidt, Edwin Arthur.....	Carroll
Schreiber, Clara .....	Waverly
Schuck, Anne .....	Findlay
Scott, Beulah .....	Nelsonville
Sexton, Bessie Elizabeth.....	Frankfort
Shafer, Mabel .....	Nelsonville
Shafer, Samuel .....	Athens
Shane, Rachel Elizabeth.....	Steubenville
Shane, Winona .....	Steubenville
Shannon, Alice .....	Marshfield
Shannon, Ella .....	Marshfield
Sharp, Charles Forrest.....	Lucasville
Sharp, David Benjamin.....	Athens
Sharritt, Chloe Wilda.....	Newark
Sherman, James Edward.....	Athens
Shier, William Frederick.....	Amlin
Shilliday, Clarence Lee.....	New Milford
Shilt, Volney Jacob.....	Verona
Shirkey, Della Marlam.....	Jacksonville
Shively, Harold Hastings.....	McArthur
Simpson, Laura .....	Freeport
Sines, Walter E.....	Ulric
Slavens, Egbert Ellis.....	Stockdale
Smith, Bundy .....	McArthur
Smith, Irma Leone.....	Fremont
Smith, Lulu Belle.....	Fostoria
Smith, William Andrew.....	Dexter City
Smurthwaite, Harriet .....	Steubenville
Smyth, Ramona .....	Antioch
Snider, Henry Carl.....	Carroll
Sniff, Nettie Frances.....	Zanesville
Soule, Mary Minnie.....	Willesville
Speck, Frank Richards.....	Uhrichsville

Springer, Emmett Vance.....	Richmonddale
Spohn, Burrell Blakeney.....	Brownsville
Stage, Lenore .....	Lancaster
Stanton, May .....	Marshfield
Starkey, Edith Belle.....	New Lexington
Starkey, Mary .....	Glouster
Starr, Dano Elmer.....	Athens
Stauffer, Cela Louisa.....	Clarington
Stauffer, Edna Mabel.....	Chillicothe
Stemen, Gustavus C.....	Pickerington
Stinson, Mary Laurette.....	Congo
Stone, Howard Emmett.....	Lucasville
Stoneburner, Harley Luther.....	Portersville
Stoneburner, Hazel .....	Lancaster
Stookey, Leah .....	New Holland
Stoyle, Kate .....	Shawnee.
Stranahan, William .....	Pleasant City
Street, Ardelle .....	Wilmington
Swartz, Ada .....	McArthur
Swartz, May .....	McArthur
Talbot, John Sherman.....	Pickerington
Tarbill, Alice .....	New Holland
Tatman, George Ralph.....	New Plymouth
Teeling, Rudy Bell.....	Millersburg
Temple, Mary .....	Uhrichsville
Templer, May .....	Belpre
Tharp, Ray Golden.....	Hemlock
Thomas, Fay .....	Chesterhill
Thomas, Katie .....	Dublin
Thompson, Bert McCune.....	Byesville
Thompson, Fay .....	Washington C. H.
Thompson, Glenn Gates.....	Langsville
Thompson, Ida .....	Athens
Thompson, Luther Amaziah.....	Franklin Furnace
Tisher, Phoebe Emily.....	Hannibal
Topping, Jeannette.....	Gallipolis
Traglio, Wilbur Laurent.....	Athens
Trainer, Harry Townsend.....	Carpenter
Traver, Eva May.....	Fostoria
Trisler, John Lafayette.....	Hartwell
Tubaugh, Estelle Mae.....	Hannibal
Turner, George Herschell.....	Allensville
Turner, Stella .....	Roxabell
Tuttle, Claribel Emmeline.....	Andover
Tyler, Loretta .....	Grove City
Uyeda, Akira Shinkichi.....	Momai, Japan
Van Dyke, Villa.....	Athens
Vail, Eunice Alberta.....	Smithfield

Vallery, Laura .....	Waverly
Van Gilder, Adele.....	Cheshire
Varner, May .....	Black Run
Vaughan, Anna .....	Pomeroy
Viney, Mary .....	Pine Grove
Wagner, Julia Ann.....	Bucyrus
Wagner, Lola May.....	Centerburg
Walker, Thomas .....	Hillsboro
Wallace, Robin .....	Circleville
Walls, Callie King.....	Athens
Walls, Louise King.....	Athens
Wamsley, Osa .....	Otway
Ward, Mary .....	Cheshire
Ward, Theron William.....	Cheshire
Ware, Dell Hooper.....	Middletown
Warner, Jennie .....	Amlin
Warnock, Besse Moore.....	Greenup, Ky.
Warren, Clarence Robbins.....	McArthur
Watkins, Sidney .....	Luhrig
Watson, Martin Wallace.....	Racine
Watts, Mary Ora.....	Grove City
Weber, August .....	Dublin
Weber, Cornelius Peter.....	Pettisville
Weber, Lena .....	Dublin
Webster, Alva Sylvester.....	Athens
Weed, Judson Albanus.....	Columbus
Wells, Hannah Anita.....	Wellston
Welsh, John .....	Carpenter
Wenger, Ethel May.....	Galena
West, William Lee.....	Stafford
Wetzel, Nellie Christine.....	Chillicothe
Whaley, Mamie Grant.....	Lexington, Ky.
Wharton, Edith .....	Mineral
Wheaton, Paul Willard.....	Athens
White, Agnes .....	Buchtel
White, Clyde .....	New Concord
White, James Henry.....	Chandlersville
Wilcox, Bessie Ethel.....	Amesville
Wiles, Gurtha .....	Chicago
Wiley, Nathaniel .....	Kimball, W. Va.
Wilhelm, Eleanor .....	Portsmouth
Wilkes, Frederick Arnold.....	Athens
Wilkes, Marie .....	Athens
Williams, Cora Almira.....	Roxabell
Williams, Jennie .....	Steubenville
Wilson, Irma .....	Nelsonville
Wilson, Nan .....	Glendale
Wilson, Triva .....	Calcutta

Windle, Emory .....	Amlin
Wingett, Faye .....	Albany
Winters, Mae Louise.....	South Point
Wiper, Mary A.....	Marietta
Wise, Isel .....	New Lexington
Wood, Austin Vorhes.....	Athens
Wood, Fannye Esta.....	McArthur
Wood, Goldie May.....	Chicago
Wooddell, Harriet Alice.....	Wakefield
Woodruff, Birdella .....	Athens
Woolley, John Jefferson.....	Athens
Wyman, Linnie Alice.....	McArthur
Yankey, Flora Gaye.....	Madisonville
Yingst, Nora Urania.....	Toronto
Young, Harry Curtis.....	Millersburg
Zenner, Philip McKnight.....	Athens
Zimmer, Katharine Bertha.....	Macksburg

—623

**GENERAL SUMMARY OF STUDENTS BY DEPART-  
MENTS AND CLASSES**

	1907-8	1908-9
Post-Graduates .....	6	5
Class of 1908.....	12	16
Seniors .....	19	35
Juniors .....	38	33
Sophomores .....	91	115
Freshmen .....	188	214
Irregular and Special Students.....	40	50
Third Preparatory .....	118	130
Second Preparatory .....	108	106
First Preparatory .....	47	43
State Normal College.....	344	417
Electrical Engineering .....	80	102
Civil Engineering .....	41	56
School of Commerce.....	169	174
College of Music.....	298	284
Summer School .....	678	623
 Total.....	 2,277	 2,403
 Names counted more than once.....	 891	 941
 Total.....	 1,386	 1,462

**GENERAL SUMMARY OF STUDENTS BY TERMS**

	1905-6	1906-7	1907-8	1908-9
Spring Term .....	494	544	536	573
Summer Term .....	650	656	678	623
Fall Term .....	466	491	549	631
Winter Term .....	429	462	538	638
 Total number of students, count- ing no name more than once....	 1,272	 1,319	 1,386	 1,462

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# CALENDAR 1909

# CALENDAR 1910

JANUARY						JULY						JANUARY						JULY						
S	M	T	W	T	F	S	M	T	W	T	F	S	M	T	W	T	F	S	M	T	W	T	F	S
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27	28	29	30				26	27	28	29	30	31		26	27	28	29	30		25	26	27	28	29

# Summer Term at Ohio University

## ATHENS, OHIO

June 28—August 6, 1909

June 20—July 29, 1910

**ATHENS.** Among beautiful hills, on a beautiful river. No saloons.

**EXPENSES.** Reasonable. Registration fee, \$3.00 for the six weeks.

**INSTRUCTION.** Regular University professors have charge of summer term classes.

**CLASSES.** One hundred and twenty-five.

**TRAINING SCHOOL.** Six rooms, with seven grades of primary pupils in session every day.

**KINDERGARTEN SCHOOL.** The only Kindergarten School supported by the State is conducted here.

**ELEMENTARY SCIENCE.** Special attention given to Elementary Agriculture. School gardening in successful operation.

**PRIVATE INSTRUCTION.** A wide range, including foreign languages and vocal and instrumental music, at most reasonable cost.

**REVIEW WORK.** Special opportunities for those preparing for Teachers' Certificates. Students can enter at any time during the spring or summer terms and find such classes in full operation.

**TEACHERS' BUREAU.** The Dean of the State Normal College conducts free of charge a bureau for teachers.

**LADIES' DORMITORIES.** Women's Hall and Boyd Hall will accommodate 125 women students. Board and lodging costs \$3.25 and \$3.50 per week.

**SPECIAL TERM.** From Monday, May 3, 1909, to August 6, 1909, there will be conducted special classes in Arithmetic, Grammar, Geography, United States History, English Literature, General History, Physiology, Theory and Practice of Teaching, Plane Geometry, Elementary Algebra, Elementary Physics, and Latin. This affords a continuous term of fourteen weeks. Tuition for the special term, \$6.00.

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For further information or bulletin describing in full these courses, address,

**HENRY G. WILLIAMS,**  
Dean State Normal College.

**ALSTON ELLIS,**  
President Ohio University.

## **UNIVERSITY CALENDAR, 1909**

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Monday, January 4.....	Registration of Students
Tuesday, January 5.....	Opening of Winter Term
Friday, March 26.....	Close of Winter Term
Monday, April 5.....	Registration of Students
Tuesday, April 6.....	Opening of Spring Term
Sunday, June 20.....	Beginning of Commencement Week
Thursday, June 24.....	Commencement Day
Monday, June 28.....	Opening of Summer Term
Friday, August 6.....	Close of Summer Term
Monday, September 13.....	Registration of Students
Tuesday, September 14.....	Opening of Fall Term
Friday, December 24.....	Close of Fall Term

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## **UNIVERSITY CALENDAR, 1910**

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Monday, January 3.....	Registration of Students
Tuesday, January 4.....	Opening of Winter Term
Friday, March 18.....	Close of Winter Term
Monday, March 28.....	Registration of Students
Tuesday, March 29.....	Opening of Spring Term
Sunday, June 12.....	Beginning of Commencement Week
Thursday, June 16.....	Commencement Day
Monday, June 20.....	Opening of Summer Term
Friday, July 29.....	Close of Summer Term
Monday, September 12.....	Registration of Students
Tuesday, September 13.....	Opening of Fall Term
Friday, December 23.....	Close of Fall Term



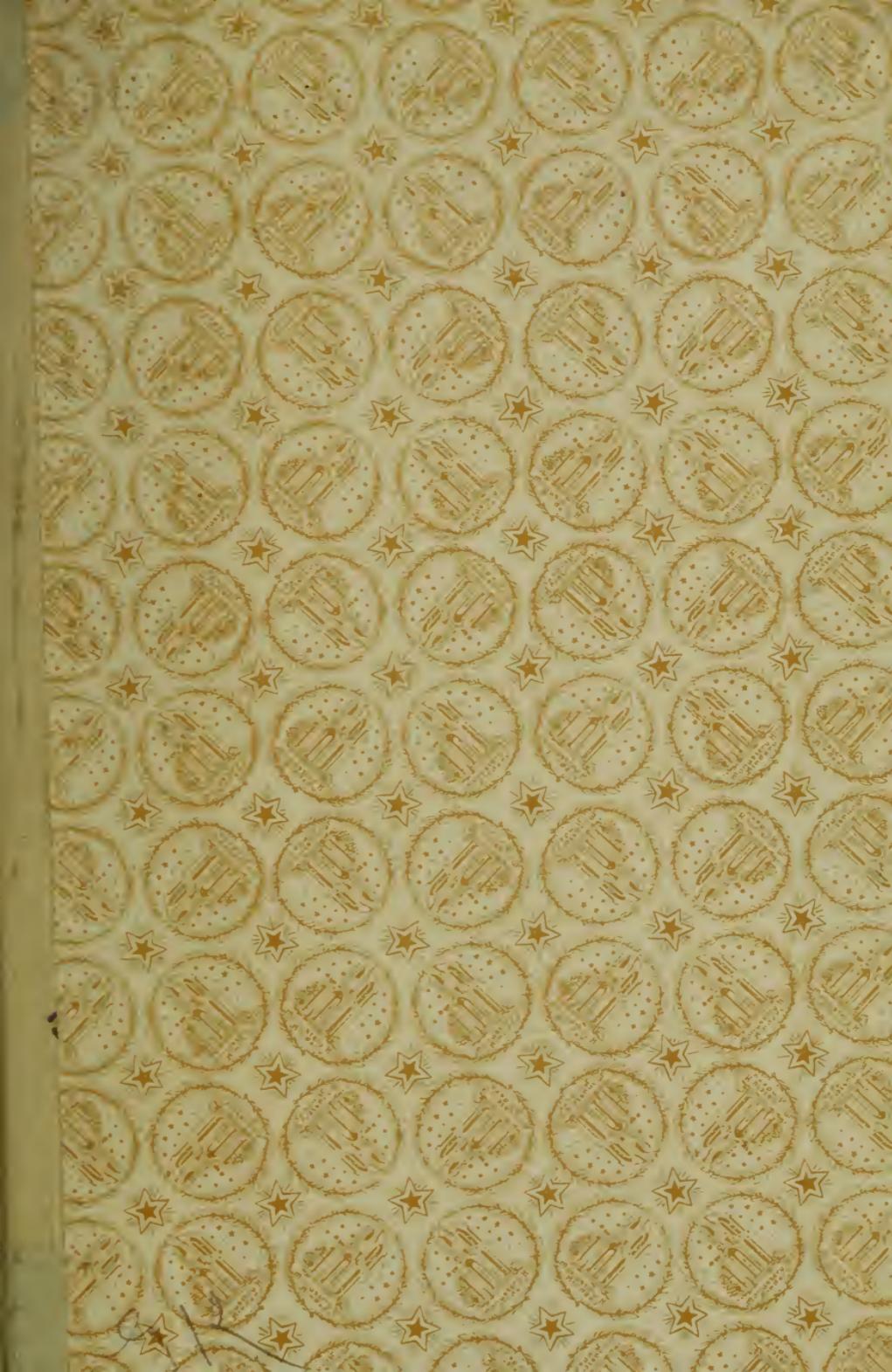
THE OHIO STATE UNIVERSITY  
RELIGIO DOCTRINA CIVILITAS  
PRAE OMNIBUS VIRTUS  
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UNIVERSITY OF ILLINOIS-URBANA



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